



THE

Urban District Council of Stretford.

ANNUAL REPORTS

FOR 1915

OF THE

MEDICAL OFFICER OF HEALTH

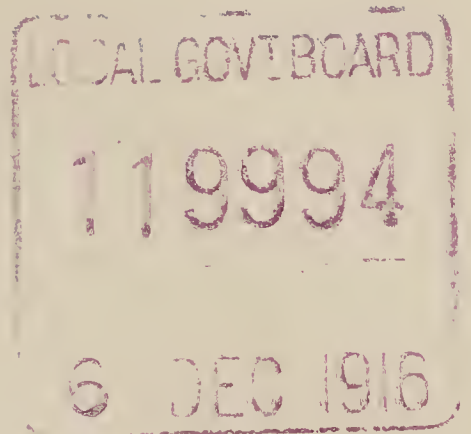
AND

INSPECTOR OF NUISANCES.

*Approved by Council, June 6th, 1916.*







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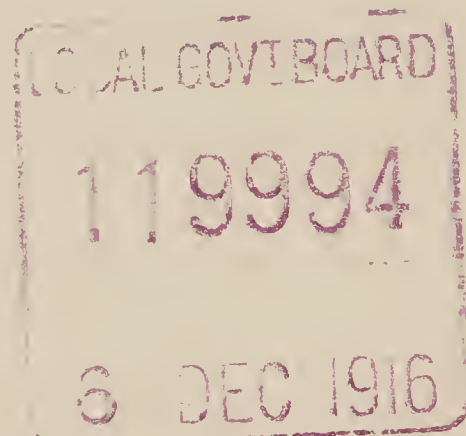
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# Stretford Urban District Council.

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 „ T. ROBINSON, J.P., Deputy-Chairman.  
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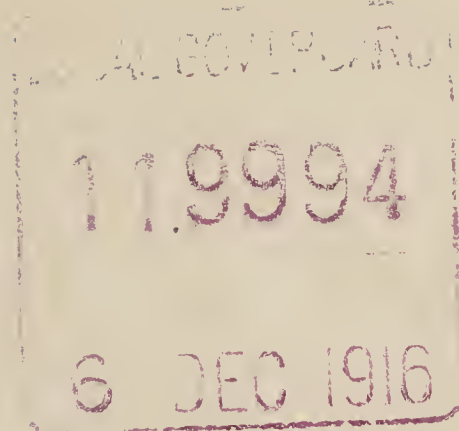
WILLIAM JOHN HESLOP, F.R.C.S. Ed., Medical Officer  
 of Health.

ELLIS NUTTALL, C.S.I., Cert.M.I., R.S.I., Chief Sanitary  
 Inspector.

STATISTICAL SUMMARY FOR THE YEAR  
1915.

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Area (Statute Acres) ... ..	3239 $\frac{1}{2}$
Rateable Value ... ..	£334650
Population (estimated) ... ..	44042
Population (census, 1911) ... ..	42496
Birth Rate—per thousand population ... ..	15.1
Death Rate—per thousand population ... ..	12.3
Standardised Death Rate, per thousand population	13.6
Persons per acre ... ..	13.5
Infantile Death Rate—per thousand births registered ... ..	89.8
Zymotic Death Rate—per thousand population...	0.81
Respiratory Death Rate (other than Tuberculosis) —per thousand population ... ..	2.04
Phthisis Death Rate—per thousand population ...	0.97
Other Tuberculous Diseases ; Death Rate—per thousand population... ..	0.31
Cancer Death Rate—per thousand population ...	1.15
Infectious Disease Sickness ; Rate—per thousand population ... ..	5.7



**THE**  
**Urban District Council of Stretford.**

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**ANNUAL REPORT**

OF THE

**Medical Officer of Health**

FOR 1915.

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**To the Chairman and Members of the Sanitary  
Committee of the Stretford Urban District  
Council.**

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GENTLEMEN,

I have the honour and pleasure to submit to you my Twenty-ninth Annual Report as Medical Officer of Health for the district of Stretford, on the health and sanitary condition of the district. It contains a summary of the work of the Health Department during the year 1915, together with statistics relating to the incidence of disease and the mortality from various causes.

Included in the Report are copies of Tables I, II, III and IV, supplied to the Local Government Board and to the Lancashire County Council.

As you will see from the Statistical Summary, the birth-rate continues to decline, the death-rate is slightly higher than that for the previous year, whilst the infantile mortality



rate, although slightly higher than the preceding year, is below the rate for England and Wales, which rate has also increased from 105 per thousand births to 110.

In accordance with instructions received from the Registrar General, deaths of members of the armed forces of the country are excluded from all the tables of statistics, and have not been taken into account in the calculation of the death-rate.

The estimated population (44,042) is that of the civil population only ; this figure has been used in the calculation of the various death rates.

Appended to the report is a statement on the administration of the Factory and Workshops Act, 1901.

I have to thank you for your support during the year. I also tender my thanks to Mr. E. Nuttall, the Chief Inspector, and to the other members of the Sanitary Staff for their loyal support.

I am, your obedient Servant,

W. J. HESLOP, F.R.C.S ,  
Medical Officer of Health.

APRIL 12TH, 1916.



TABLE (V) SANITARY CENSUS.—STATISTICAL PURPOSES.

1	2	3	4	5	6	7	8	9	10	11
WARD.	Number of Houses.	Number of Houses occupied.	No. of Houses empty.	No. of Houses Empty [Census April, 1911 ]	Population [Census April, 1911.]	Estimated Number of Houses occupied June 30th, 1916.	Number of Persons per occupied House [Census April, 1911.]	Estimated Population December, 1915, based on Number of persons per House, shown in Col. 8.	Estimated Population June 30th, 1916, based on Number of persons per House, shown in Col. 8	Estimated Population 1916.
Stretford ...	1575	1566	9	50	6084	1566	4.2	6577	6577	6314
Longford ...	827	814	13	59	3220	820	4.37	3557	3583	3381
Talbot... ..	1650	1615	35	69	7316	1615	4.9	7913	7913	7600
Trafford ...	2820	2793	27	198	11311	2795	4.38	12233	12242	11654
Cornbrook ...	760	730	30	81	3707	730	5.0	3781	3781	3672
Clifford ...	1560	1545	15	79	6779	1545	4.5	6952	6952	6695
Park ... ..	1013	1001	12	108	4079	1008	4.88	4934	4969	4726
Total ... ..	10205	10064	141	644	42496	10079	—	45947	46017	44042

The estimated population for the year 1915 is based on the figures furnished by the Registrar General instead of as in previous years on those of a census taken by the Sanitary Staff of the occupied houses in the district on a given date.

This census shows an increase in the number of houses of 55.

The following statement shows the total number of houses, the number of occupied houses and the number of unoccupied houses in the years 1915 and 1914 compared to those of the census taken in April, 1911.

		Total No. of Houses.		Houses occupied.		Houses unoccupied.
1915	...	10,205	...	10,064	...	141
1914	...	10,150	...	9,974	...	176
1911	...	9,934	...	9,290	...	644

THIS TABLE (VI) GIVES THE BIRTH AND DEATH RATES OF  
THE TOWNSHIP FOR THE YEARS 1868-1915.

Year.	Births.	Rate.	Deaths.	Rate.	Population
1868 ...	330	30.0	170	15.4	11,000
1869 ...	333	30.0	195	17.7	
1870 ...	373	33.9	216	19.6	
1871 ...	378	31.5	231	18.4	12,000
1872 ...	378	31.5	186	15.5	
1873 ...	357	29.7	189	15.7	
1874 ...	409	34.0	236	19.6	
1875 ...	445	37.0	247	20.5	
1876 ...	482	32.1	282	19.0	15,000
1877 ...	522	30.7	311	18.3	17,000
1878 ...	359	31.0	323	18.0	18,000
1879 ...	548	28.8	300	15.7	19,000
1880 ...	545	27.2	339	16.9	20,000
1881 ...	600	30.0	264	13.2	
1882 ...	556	27.8	295	14.7	
1883 ...	573	28.6	306	15.3	
1884 ...	550	27.5	346	17.3	
1885 ...	508	25.4	316	15.8	
1886 ...	557	26.5	314	15.0	21,000
1887 ...	540	25.7	328	15.6	
1888 ...	485	23.0	310	14.7	
1889 ...	492	23.1	308	14.6	
1890 ...	511	24.3	351	16.8	
1891 ...	497	22.8	382	17.5	21,751
1892 ...	472	21.7	295	13.5	21,751
1893 ...	472	21.4	324	14.7	22,000
1894 ...	446	20.2	284	13.0	22,000
1895 ...	494	21.9	356	15.7	22,500
1896 ...	510	22.0	338	13.7	24,500
1897 ...	550	21.5	342	13.4	25,500
1898 ...	567	20.8	346	12.7	27,180
1899 ...	602	21.8	422	14.7	27,540
1900 ...	626	21.8	413	14.4	28,600
1901 ...	611	20.3	401	14.4	30,000
1902 ...	670	21.6	401	12.9	30,900
1903 ...	807	24.9	437	13.5	32,290
1904 ...	742	21.7	443	13.0	34,060
1905 ...	793	20.4	458	11.8	38,750
1906 ...	787	19.6	467	11.6	40,000
1907 ...	873	21.7	488	12.1	40,200
1908 ...	891	20.7	490	11.4	43,000
1909 ...	810	18.4	529	12.0	43,850
1910 ...	814	18.2	477	10.6	44,680
1911 ...	747	17.6	477	11.2	42,496
1912 ...	760	17.3	493	11.2	43,700
1913 ...	733	16.4	446	10.0	44,600
1914 ...	816	18.0	542	12.0	45,100
1915 ...	668	15.1	543	12.3	44,042



TABLE (VII) OF WARDS, ACREAGE, POPULATION, BIRTH RATE AND DEATH RATE.

WARD.	ACREAGE.	POPULATION.		BIRTH RATE.		DEATH RATE.	
		1914	1915	1914	1915	1914	1915
Stretford ...	663½	6460	6314	18.8	14.4	12.2	10.9
Longford ...	455	3450	3381	19.4	20.4	14.7	13.0
Talbot...	756	7780	7600	15.6	11.8	9.3	8.6
Trafford ...	270	11910	11654	14.0	11.1	12.2	14.1
Cornbrook ...	171	3770	3672	14.3	13.3	14.3	17.7
Clifford ...	62	6900	6695	18.2	17.3	13.7	12.3
Park ...	862	4830	4726	30.4	24.1	9.1	10.7

The above statement gives in Wards the Acreage and the Population, also the Birth and Death Rates for the Years 1914 and 1915.

TABLE (VIII)

## DENSITY OF POPULATION.

Year.	Persons per Acre.						
	Stret- ford.	Long- ford.	Tal- bot.	Traf- ford.	Corn- brook	Clif- ford.	Park.
1905	6.9	6.4	6.0	33.1	21.5	122.4	
1906	6.9	6.6	6.5	38.2	21.5	122.4	
1907	7.0	6.7	6.6	38.4	21.5	122.4	
1908	5.7	6.1	9.1	40.7	21.5	122.4	4.5
1909	10.2	7.3	9.7	43.6	20.9	119.5	4.2
1910	10.5	7.4	10.0	45.7	20.2	116.7	4.2
1911	9.1	7.0	9.6	41.9	20.9	109.3	4.6
1912	9.5	6.9	9.9	42.9	20.8	109.3	5.3
1913	9.6	7.3	10.0	43.9	21.9	109.3	5.5
1914	9.5	7.5	10.2	44.1	22.0	111.3	5.6
Average for 10 years 1905 to 1914	8.4	6.9	8.7	41.2	21.2	116.5	
1915	9.5	7.4	10.0	43.1	21.4	108.0	5.4

The above shows the number of persons per acre in each Ward, also the average for the ten years 1905–1914.

## BIRTHS.

The Returns of the Registrar of Births and Deaths show that during the year under consideration 339 Males and 320 Females were born in the district, added to which are the births of 3 Males and 6 Females transferred to this District by the County Medical Officer ; a total of 668 Births, equal to a birth rate of 15.1 per 1,000 of the population as against 18.0 for the year 1914.

Below is set out the number of Children born in each Ward, also the number of Males and Females.

WARDS.									SEX.	
Stretford	Longford	Talbot	Trafford	Cornbrook	Clifford	Park	Transferred to District by the County M.O.H.	TOTAL	Males	Females
91	69	90	130	49	116	114	*9	668	342	326

\*Addresses of mothers not being supplied, these have not been allocated in the Wards.



TABLE (IX)  
COMPARATIVE TABLE OF LIFE STATISTICS,  
1915.

To make a comparison of the vital statistics of your district I give a Table below showing the Annual Birth Rates, Death Rates, and Deaths of children under one year of age to a 1,000 births, as supplied by the Registrar General for 1915.

	Annual Rates per 1,000 Living			Deaths under One Year per 1,000 Births
	Births	Deaths		
		Crude	Stand- ardized	
England and Wales	21.9	15.1	14.8	110
96 Great Towns (in- cluding London)...	22.8	15.6	15.9	117
148 Smaller Towns	21.6	14.0	14.2	114
England and Wales (less 244 towns)...	20.7	14.8	13.6	98
London ... ..	22.6	16.1	16.1	112
<b>STRETFORD</b> ... ..	15.1	12.3	13.6	89

The factor for correction as supplied by the Registrar  
General is 1.1097.

TABLE (X) INFANT MORTALITY, CAUSES OF DEATH.

TABLE I shows that 60 children died before reaching one year of age; this is equal to an Infant Mortality of 89.8.

TABLE IV gives the main causes of death as under:—

Common Infectious Diseases	...	...	4	Congenital Malformations	...	...	3
Bronchitis	...	...	7	Premature Birth	...	...	16
Pneumonia	...	...	1	Atrophy, Debility and Marasmus	...	...	5
Diarrhœa and Enteritis	...	...	8				

The following statement shows the causes of all deaths of infants under one year of age, also the Rates per 1000 Births in Wards. see last column.

WARD	Small-pox	Chicken-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria and Croup	Erysipelas	Tuberculous Meningitis	Abdominal Tuberculosis	Other Tuberculous Diseases	Meningitis [not Tuberculous]	Convulsions	Laryngitis	Bronchitis	Pneumonia	Diarrhoea	Enteritis	Gastritis	Syphilis	Rickets	Suffocation, overlying	Injury at Birth	Atelectasis	Congenital Malformations	Premature Birth	Atrophy, Debility and Marasmus	Pericarditis	Congestion of Lungs	Difficult Birth	Found Dead, cause not known owing to decomposition	Asphyxia Neonatorum	Melœna Neonatorum	TOTAL	Death Rate per 1,000 Births Registered in Wards	
Stretford	...	...							1						1		1	1						1	4	1						1	1	9	98.9
Longford	...	...												1			1	1							1	1		1					1	6	86.9
Talbot..	...	...										3		1	1	1									1	1								7	77.7
Trafford	...	...			1	1								1	1		2							1	4	1		4						13	100.0
Cornbrook	...	...	1									1		2															1					7	142.8
Clifford	...	...												1	1					1				1	4									7	60.3
Park	...	...	1									1	1		1		1	3							2									11	96.4
Total	...	...	2		1	1			1		1	5		7	1	3	5	1	1					3	16	5	1	1	1	1	2	1	60	89.8	

TABLE (XI)  
 INFANTILE MORTALITY  
 DEATHS IN WARDS AT UNDERMENTIONED AGES.

WARD	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 1 month	1—3 months	3—6 months	6—9 months	9—12 months	Total Deaths under 1 year
Stretford ...	6				6	2	1			9
Longford ...	2				2		2	1	1	6
Talbot ...	1				1	1	1	2	2	7
Trafford ...	5			3	8	2	1		2	13
Cornbrook	1	1			2			4	1	7
Clifford ...	6				6	1				7
Park ...	3	1	1		5	2	1	2	1	11
Total ... ..	24	2	1	3	30	8	6	9	7	60

As will be seen from the above statement, 60 children died within 12 months of birth, being equal to a death rate of 89.8 per 1,000 births, as compared with 83.3 for the year 1914.

It is perhaps well if I point out that of the above deaths 16 were those of premature children.



## NOTIFICATION OF BIRTHS ACT, 1907.

Below is a brief summary of notifications received under the above Act, and of the visits made by the Health Visitor during the year.

No. of births notified—	
Within the time specified by the Act ...	515
Later than required by the Act ... ..	66— 581
No. of births not notified and information of which was obtained from the Registrar's returns... ..	106
No. of still-births notified ... ..	18

The following visits were paid by the Health Visitor during the year :—

To births notified during 1915—	
Primary visits ... ..	552
Subsequent visits ... ..	669
To births notified during 1914—	
Primary visits ... ..	50
Subsequent visits ... ..	1031
To births notified during 1913—	
Subsequent visits ... ..	15
	—
Total visits during the year ... ..	2317

Particulars of enquiries with respect to the feeding of children born during the year 1915 :—

No. of children fed entirely on the breast ... ..	*421
,,       ,,       by means of bottle ... ..	†66
,,       ,,       partly breast and partly bottle	25
No information obtained... ..	40

\* 3 fed by bottle on subsequent visits.

† One fed by spoon on first visit.

## ILLEGITIMACY.

The births are registered from the following Wards :—

## WARDS.

Stret- ford.	Long- ford.	Tal- bot.	Traf- ford.	Corn- brook.	Clif- ford.	Park.	Transferred by the County M.O.H.	Total
2	4	1	4	3	5	2	1	22

The births of illegitimate children are 22; of this number 21 are allotted to their respective wards. The County Authority has transferred to this District one birth, the address not being given it has not been allocated to any particular Ward.

Table IV. shows that eight illegitimate children have died during the year. This is equivalent to a mortality of 363.6 per 1,000 illegitimate children born, as compared to 80.5 of children born in wedlock.

The causes of death of the illegitimate children were :— three from Prematurity, two from Debility from Birth, one Asphyxia (want of attention at birth), one from Measles, and one from Convulsions.

The following statement shows the mortality of illegitimate children compared to legitimate children during the year 1915 and the five preceding years :—

	1915	1914	1913	1912	1911	1910
Illegitimate ... ..	363.6	192.3	125.0	142.8	250.0	166.6
Legitimate ... ..	80.5	79.7	90.6	77.1	107.8	96.9

TABLE (XII).

## DEATHS OCCURRING OUTSIDE THE DISTRICT.

Below is recorded the places where 106 deaths have occurred and which have been transferred to this District through the County Medical Officer of Health.

Where Death Occurred.	Males.	Females	Total.
Manchester, Royal Infirmary ... ..	12	8	20
„ St. Mary's Hospital ... ..	—	1	1
„ Withington Workhouse Infirmary ... ..	1	2	3
„ Christie Hospital ... ..	—	1	1
„ Private Institutions ... ..	1	1	2
„ Private Addresses, etc. ... ..	3	1	4
Salford, Royal Hospital ... ..	1	—	1
„ Union Infirmary.... ... ..	—	1	1
„ Ladywell Sanatorium... ..	2	4	6
„ Bethesda Home for Incurable Children ... ..	—	1	1
„ Other Addresses, etc. ... ..	2	—	2
Eccles, Barton Union Infirmary ... ..	25	18	43
Prestwich, Lunatic Asylum ... ..	2	3	5
Other Districts—			
Public Institutions.... ... ..	4	3	7
Private Addresses, etc. ... ..	7	2	9
	60	46	106



TABLE (XIII).

DEATHS OCCURRING OUTSIDE THE DISTRICT  
of persons belonging to the District

Causes of Death.	Manchester.			Salford		Eccles	Prest-wich	Other districts		Total
	Public Institutions	Private Institutions	Other Addresses	Public Institutions	Other Addresses	Public Institutions	Public Institutions	Public Institutions	Private Houses, etc.	
Enteric Fever ... ..	—	—	—	2	—	—	—	—	—	2
Diphtheria ... ..	—	—	—	3	—	—	—	—	—	3
Phthisis.... ... ..	1	—	—	2	—	6	2	2	3	16
Tuberculous Meningitis	—	—	—	—	—	—	—	—	1	1
Other Tuberculous Diseases ... ..	—	—	—	—	—	—	1	—	—	1
Cancer ... ..	4	2	—	—	—	3	—	—	—	9
Rheumatic Fever... ..	—	—	—	—	—	2	—	1	—	3
Meningitis ... ..	—	—	—	—	—	—	1	—	—	1
Organic Heart Disease	1	—	1	—	—	7	—	—	1	10
Bronchitis ... ..	—	—	—	—	—	4	—	1	—	5
Pneumonia ... ..	1	—	—	—	—	1	—	1	—	3
Other Diseases of Respiratory Organs ...	1	—	—	—	—	—	—	—	—	1
Cirrhosis of Liver... ..	1	—	—	—	—	—	—	—	—	1
Nephritis ... ..	1	—	—	—	—	—	—	—	—	1
Puerperal Fever ... ..	—	—	—	1	—	—	—	—	—	1
Congenital Debility & Malformations, including Premature Birth ... ..	—	—	—	—	—	—	—	1	—	1
Violent Deaths, excluding Suicide ... ..	4	—	1	—	2	—	—	—	3	10
Suicides.... ... ..	1	—	1	—	—	—	—	—	—	2
Other defined Diseases	10	—	1	1	—	19	1	1	1	34
Diseases ill defined or unknown... ..	—	—	—	—	—	1	—	—	—	1
Total ... ..	25	2	4	9	2	43	5	7	9	106

TABLE (XIV).

TABLE OF WARDS AND ZYMOTIC DEATH RATES  
FOR 1915 AND 1914.

WARD.				1915	1914
Stretford	...	...	...	0.3 per 1,000	0.4 per 1,000
Longford	...	...	...	0.8 „	1.4 „
Talbot...	...	...	...	0.3 „	0.2 „
Trafford	...	...	...	0.7 „	0.4 „
Cornbrook	...	...	...	1.6 „	0.5 „
Clifford	...	...	...	0.2 „	0.4 „
Park ...	...	...	...	2.3 „	0.6 „

The seven principal Zymotic Diseases were responsible for 36 deaths in the Wards as shown above, and are equivalent to a death rate of 0.81 per 1,000 for the whole of the District, against a death rate of 0.51 last year.

TABLE (XV).  
COMPARATIVE ZYMOTIC MORTALITY.

Causes of Death.	Number of Deaths.									
	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915
Small-pox....										
Measles ...	3	5	4	10	—	3	5	4	2	13
Scarlet Fever ...	2	5	4	11	4	1	1	3	5	1
Whooping Cough ...	6	6	13	2	9	4	4	7	3	5
Diphtheria, including Membranous Croup ...	12	6	6	14	17	2	3	4	1	5
Fevers :—										
Typhus ...										
Enteric ...	2	1	2	3	4	5	3	5	2	2
Continued ...										
Diarrhœa ...	23	7	32	18	16	41	7	11	10	10
	48	30	61	58	50	56	23	34	23	36
Rate per 1000 Population	1.2	0.74	1.4	1.3	1.1	1.3	0.52	0.76	0.51	0.81

The above statement shows the number of deaths attributed to the seven principal zymotic diseases during the past ten years ; also the Zymotic mortality rate.

TABLE (XVI).  
TABLE OF POPULATION AND CASES NOTIFIED,  
1890 to 1915.

The following Table gives the population and the number of cases notified each year since the adoption of the Infectious Diseases Notification Act, 1889.

YEAR	POPULATION	NO. OF CASES NOTIFIED.	CASE RATE EXCLUDING MEASLES.	INCLUDING MEASLES.
1890	21,000	97	4.6	—
1891	21,751	81	3.7	—
1892	21,751	116	5.3	—
1893	22,000	209	9.5	—
1894	22,000	263	8.2	82 cases
1895	22,500	227	8.0	47 „
1896	24,500	185	6.8	18 „
1897	25,500	829	4.0	727 „
1898	27,180	263	3.7	161 „
1899	27,540	267	3.5	168 „
1900	28,600	470	6.0	299 „
1901	30,000	712	11.5	367 „
*1902	30,900	290*	6.7	82 „
1903	32,290	193	6.0	—
1904	34,060	172	5.0	—
1905	38,750	185	4.7	—
1906	40,000	218	5.4	—
1907	40,200	200	5.0	—
1908	43,000	205	4.7	—
1909	43,850	335	7.6	—
1910	44,680	357	7.9	—
1911	42,496 (Census)	221	5.2	—
1912	43,760	†169	3.8	—
1913	44,600	†156	3.5	—
1914	45,100	†407	9.0	—
1915	44,042	‡252	5.7	—

\*The notification of Measles was discontinued in the year 1902.

†Excluding Tuberculosis Diseases.

‡Chicken-pox notifiable for three months (19 cases).



TABLE (XVII)  
LADYWELL SANATORIUM.

DISEASE	No. of Cases Treated.	No. of Cases Ad- mitted.	No. of Cases Dis- charged.	No. of Deaths.	No. of Case. Re maining.
Scarlet Fever ...	105	90	100	—	5
Enteric Fever ...	3	3	1	2	—
Typhus Fever ...	—	—	—	—	—
Diphtheria ... ..	14	14	9	3	2
Erysipelas ... ..	—	—	—	—	—
Puerperal Fever ...	2	2	—	1	1
Small-pox ... ..	—	—	—	—	—
Other Diseases ...	3	3	3	—	—
Total 1915 ...	127	112	113	6	8
Corresponding date, 1914 ...	232	212	210	7	15
Average, 5 years	149.6	130.8	125.6	8.0	16.0

TABLE (XVIII).

## BACTERIOLOGICAL EXAMINATIONS 1915.

Facilities for the examination of specimens of Sputum, Diphtheria Swabs and of blood from suspected Typhoid patients, are available for all medical practitioners in the district without charge.

The following statement shows the number of Bacteriological Examinations, of specimens sent from this district, made at the Public Health Laboratory, York Place, Manchester, during the year.

MONTH.	DIPHTHERIA		TYPHOID FEVER		HUMAN TUBERCULOSIS SPUTUM		BOVINE TUBERCULOSIS MILK		Naso-Pharyngeal Swabs	WATER
	T'TL.	+	T'TL.	+	T'TL.	+	T'TL.	+		
January ...	1	1	1	1	10	2				
February ...					9	2				
March ...	3		6	1	14	4				
April ...	1		1		9	2			2	2
May ...	2		1	1	9					
June ...	2	2	1		5					
July ...	4		3		3		10			
August ...					7	1				
September	1	1	3		7	2				
October ...	4				8		10			
November...					5	2				
December ...	2	1			10	5				
Total ...	20	5	16	3	96	20	20		2	2

A supply of Anti-Diphtheria Serum is kept at the Council Offices and is supplied free of charge to any Medical Practitioner of the district calling for same.

## OBSERVATIONS ON INFECTIOUS DISEASES.

## SCARLET FEVER.

By reference to Table II it will be seen that during the past year 164 cases of Scarlet Fever have been notified. The disease has been general throughout the district, except in Longford Ward.

The Attack Rate for the whole district is 3.7.

130 of the cases notified were of persons below 15 years of age.

One case proved fatal at home.

Of the 164 cases, 88 or 53% were removed to the Isolation Hospital.

## CEREBRO SPINAL MENINGITIS.

One case, which proved fatal, was notified from the Clifford Ward. The patient was a boy of 12 years of age. The contacts were immediately isolated and swabs taken from the Naso-pharynx, which gave negative results.

## ACUTE POLIOMYELITIS.

One case was notified, also from the Clifford Ward. The patient, a boy of  $3\frac{3}{4}$  years was removed to the Children's Hospital, Pendlebury. The parents of the boy having removed from the district, I have no further information as to the ultimate result of the case.

## DIPHTHERIA.

There has been a slight decrease in the number of

Diphtheria cases notified during the year, viz., 29 as against 34 the previous year. 26 of the cases occurred in patients below 15 years of age.

18 of the cases were removed to the Isolation Hospital.

Five cases proved fatal, three occurring in the Hospital and two at home.

### MEASLES.

There have been thirteen deaths from Measles as compared with two the previous year.

### ERYSIPELAS.

20 cases of Erysipelas have been notified. There was no fatal case.

During the year 1914, 24 cases were notified, and six deaths occurred.

### PUERPERAL FEVER.

Reference to Table II. will show that there have been two cases of Puerperal Fever during the year. Both cases were removed to the Ladywell Sanatorium. The case from the Park Ward proved fatal.

### CHICKEN POX.

In September last, in the interest of public health and owing to the billeting of troops in the district, Chicken-pox was added to the list of notifiable diseases for a period of six months.

Up to the end of the year 19 cases had been notified under the Order.



### EPIDEMIC INFLUENZA.

Four deaths were certified to be due to Epidemic Influenza ; during the year 1914 ten deaths occurred.

### WHOOPING COUGH.

Whooping Cough caused five deaths during 1915 ; in the previous year there were three deaths.

### TYPHOID FEVER.

This disease again caused two deaths during the year under consideration, both occurring in the Ladywell Sanatorium, to which institution three cases were removed. One (Military) case was removed to the Monsall Hospital by the Military Authorities.

In all, five cases were notified during the year.

### OPHTHALMIA NEONATORUM.

Eleven cases of the above disease were notified during 1915 (as against nine the previous year) ; three of the cases were privately treated and eight received treatment at the Royal Eye Hospital.

PUBLIC HEALTH (TUBERCULOSIS)  
REGULATIONS, 1912.

165 notifications have been received during the year, some of these notifications refer to cases which had been previously notified. 106 new cases have been notified, viz.—88 pulmonary and 18 non-pulmonary.

Of the above (165) notifications—

124 were on Form A. (Primary notifications).

2     ,,     Form B. (Notifications by School Medical Officer.)

21     ,,     Form C. (Notifications on admission into Sanatoria, Poor Law Institutions, etc.)

18     ,,     Form D. (Notifications on discharge from Sanatoria, Poor Law Institutions, etc.)

As explained in previous years, the difference between notifications received and the number of new cases is largely due to cases being attended by private medical practitioners and later in hospitals, and vice versa, also to cases being notified on Form A, and later on Forms C and D, as they are admitted to or discharged from Sanatoria.

Of the 124 primary notifications, 68 were made by private medical practitioners and 56 were received from hospitals.

6 of the notifications received were of persons who were not resident in this district; these notifications have been transferred to the districts to which the patients belonged.

Of the 21 cases notified on Form C, 15 were admitted to Sanatoria and 6 to Poor Law Institutions.

Of the 18 cases notified on Form D, 17 were of persons discharged from Sanatoria and one from a hospital.

Each case notified has been visited by your Sanitary Staff, and a superficial examination of the patients' environments made.

After removal or death, and at other times when necessary, the rooms and bedding occupied and used by tuberculous persons have been disinfected.

Specially prepared sputum boxes and paper handkerchiefs are supplied to Phthisis patients and are greatly appreciated. Sputum bottles are also provided, but difficulty is experienced in getting patients to use them.

Table III shows that 43 deaths have occurred from Pulmonary Tuberculosis and 14 from Other Tuberculous diseases, the death rates from these causes being 0.97 and 0.31 respectively ; during 1914 the rates were 1.00 and 0.17 per thousand population. Table XXII shows the number of deaths and the death rates for the previous 15 years.

Table XIX shows the localisation of the disease in the 106 new cases notified.

Tables XX and XXI show the ages of the patients and the Wards from which the cases have been notified.

Table XXIII shows the number of cases, the case rates and the death rates in the respective Wards, also the average rates for the previous three years for pulmonary tuberculosis, and two years for non-pulmonary tuberculosis. (Cases of non-pulmonary tuberculosis were not notifiable until the year 1913.)

TABLE (XIX)  
NUMBER OF CASES NOTIFIED UNDER THE PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS.

Quarter ending.	PULMONARY.				Non-PULMONARY.																					Grand Total-Pulmonary & Non-Pulmonary																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	Lungs	Lungs and Larynx	Laryngitis	Total	Alimen- tary.	Glands.				Genito-Urinary.				Joints and Bones.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
						Enteritis (primary)	Peritonitis (Abdominal Tuberculosis)	Tabes Mesenteric Glands	Axillary	Cervical	Inguinal	Not classified. 2 or more groups.	Bladder	Fallopian Tube	Kidney	Testicle	Not classified. 2 or more.	Head	Ribs & Sternum	Spine	Shoulder	Elbow	Hand and Wrist	Arm			Leg			Two or more different Joints	Not classified	Meningitis (Brain)	Miliary (generalised)	Skin (Lupus)	Miscellaneous	Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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TABLE (XX)  
PULMONARY CASES NOTIFIED UNDER THE PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS.

	MALES.													FEMALES.													Total	WARDS.					
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 & up	Total.	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 & up	Total.	Males and Females.	Stretford.		Longford.	Talbot.	Trafford.	Cornbr'k.	Clifford.	Park.
Quarter Ending.																																	
March 31st	-	-	3	2	-	1	4	2	1	3	-	16	-	-	1	-	1	-	-	4	-	-	1	-	7	23	3	2	4	7	-	5	2
June 30th	-	-	-	-	-	1	2	2	2	-	-	7	-	-	-	2	-	1	3	1	2	-	-	9	16	2	-	4	4	3	1		
Sept. 30th	-	1	1	1	1	1	1	2	1	-	-	9	-	-	1	1	1	1	4	4	1	-	-	13	22	-	2	3	8	3	2	4	
Dec. 31st	-	-	1	-	2	2	6	3	2	1	-	17	-	-	2	1	-	2	2	2	-	1	-	10	27	3	3	3	7	2	5	4	
Total .....	-	1	5	3	3	5	13	9	6	4	-	49	-	-	4	4	2	4	13	7	3	2	-	39	88	8	7	12	26	9	15	11	

TABLE (XXI)  
NON-PULMONARY CASES NOTIFIED UNDER THE PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS.

MALES.														FEMALES.										Total	WARDS.							
0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 & up	Total.	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 & up	Total.	Males and Females.	Stretford.	Longford.	Talbot.	Trafford.	Cornbr'k.	Clifford.	Park.	
Quarter Ending.																																
Mar. 31st	-	-	1	1	-	-	-	-	-	-	3	-	1	1	-	1	2	-	1	-	-	-	6	9	3	1	1	2	2	-	-	1
June 30th	-	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	1	2	-	-	1	-	-	1	-	-
Sept. 30th	-	-	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	1	2	-	1	-	-	-	-	1	-
Dec. 31st	-	1	-	-	1	-	1	-	-	-	3	-	-	-	1	-	-	1	-	-	-	-	2	5	-	-	-	2	2	3	-	-
Total .....	-	2	-	1	2	-	1	-	-	-	8	-	1	2	2	1	2	1	1	-	-	-	10	18	3	2	4	3	4	1	4	1

TABLE (XXII)  
PULMONARY TUBERCULOSIS.

STATEMENT 1.

Year.	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915
No of Deaths	27	29	31	25	23	30	33	32	31	24	41	37	29	22	45	43
Death Rate	0.94	0.96	1.00	0.77	0.67	0.77	0.82	0.79	0.72	0.54	0.91	0.87	0.66	0.49	1.00	0.97
	0.86					0.72					0.78					0.97

NON-PULMONARY TUBERCULOSIS.

STATEMENT 2.

Year.	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915
No. of Deaths	12	16	12	12	12	18	9	12	19	25	12	9	9	10	8	14
Death Rate	0.41	0.53	0.38	0.37	0.35	0.46	0.22	0.29	0.44	0.57	0.26	0.21	0.20	0.22	0.17	0.31
	0.40					0.39					0.21					0.31

TABLE (XXIII).

TABLE SHOWING THE NUMBER OF CASES OF TUBERCULOSIS NOTIFIED DURING THE YEARS 1912, 1913, 1914 AND 1915, ALSO THE CASE-RATE AND DEATH RATE FOR THE YEAR 1915.

Year.		Stret- ford.	Long- ford.	Tal- bot.	Traff- ford.	Corn- brook.	Clif- ford.	Park.	Whole Dis- trict.
1912	Pulmonary Tuberculosis— No. of Cases notified	13	9	12	25	14	14	10	97
1913	Pulmonary Tuberculosis— No. of cases notified	15	3	16	19	3	20	5	81
	Non-pulmonary Tuberculosis—No. of Cases notified	8	5	2	15	4	14	4	52
1914	Pulmonary Tuberculosis— No. of Cases notified	8	7	9	19	7	24	10	84
	Non-pulmonary Tuberculosis—No. of Cases notified	1	4	2	5	4	4	1	21
Average for 3 years, 1912—1914	Pulmonary Tuberculosis— Case Rate Death Rate	1.8 0.8	1.8 0.7	1.6 0.5	1.7 0.5	2.1 0.9	2.8 1.1	1.7 0.5	1.96 0.71
Average for 2 years, 1913—1914	Non-pulmonary Tuberculosis—Case Rate Death Rate	0.7 0.2	1.3 0.4	0.2 0.06	0.8 0.08	1.0 0.5	1.3 0.3	0.5 0.1	0.81 0.20
1915	Pulmonary Tuberculosis— No. of Cases notified Case Rate Death Rate	8 1.2 0.7	7 2.0 0.5	12 1.5 0.6	26 2.2 1.1	9 2.4 1.9	15 2.2 1.0	11 2.3 0.8	88 1.99 0.97
	Non-Pulmonary Tuberculosis—No. of Cases notified Case Rate Death Rate	3 0.4 0.1	2 0.5 0.5	3 0.4 0.1	4 0.3 0.4	1 0.2 0.2	4 0.6 0.4	1 0.2 0.2	18 0.40 0.31



### SEWAGE FARM.

During the year the effluent from the Sewage Farm has been examined twice by the officers of the County Council.

The following are the results of such examination :—

March 10th—0.37	grains	per	gallon	of	Oxygen
	absorbed	in	a	four	hours' test.
August 4th—0.71	ditto		ditto.		

I am indebted to Mr. Toogood, the Sewage Farm Manager, for the above statement.

### WATER SUPPLY.

Other than the supply from two pumps (out in the country), the whole of the water used for domestic purposes is supplied by the Manchester Waterworks Committee.

### STREAMS AND WATERWAYS.

No complaints have been received of any nuisance arising from the streams and waterways of the District.

TABLE I.—VITAL STATISTICS OF WHOLE DISTRICT DURING 1915 AND PREVIOUS YEARS.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un-corrected Number.	Nett.		Number	Rate.	Of Non-residents registered in the District.	Of Residents registered in the District.	Under 1 Yr. of Age		At all Ages.	
			Number	Rate.					Number	Rate per 1,000 Nett Births.		
1	2	3	4	5	6	7	8	9	10	11	12	13
1910	44,680	—	814	18.2	405	9.0	—	72	81	99.5	477	10.6
1911	42,496	737	747	17.6	407	9.6	11	81	84	112.4	477	11.2
1912	43,700	751	760	17.4	434	9.9	16	75	61	80.2	493	11.2
1913	44,600	724	733	16.4	369	8.2	17	94	67	91.4	446	10.0
1914	45,100	805	816	18.0	476	10.5	21	87	68	83.3	542	12.0
1915	44,042	659	668	15.1	463	10.5	26	106	60	89.8	543	12.3

Area of District in acres (land and inland water), 3,239½. Total families or separate occupiers 9,304 (At Census, 1911). Total population at all ages 42,496 (At Census, 1911).

TABLE II.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1915.

NOTIFIABLE DISEASE	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.						No. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.								
	At Ages (Years).							Wards.						Wards.								
	Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	Stretford.	Longford.	Talbot.	Trafford.	Cornbrook.	Clifford.	Park.	Stretford.	Longford.	Talbot.	Trafford.	Cornbrook.	Clifford.	Park.	Total removed to Hospital.
Small Pox ...	17	42	155	55	62	25	1	27	17	64	115	35	54	45	11	1	12	39	10	18	20	—
*Chicken Pox ...	—	3	10	1	—	—	—	—	1	5	—	—	3	5	—	—	—	—	—	—	—	—
Cholera, Plague ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria (including Membraneous Croup ...	1	3	22	1	2	—	—	4	—	6	11	3	2	3	4	—	—	6	3	2	3	—
Erysipelas... ..	—	—	1	4	5	9	1	2	3	3	5	4	—	3	7	1	11	30	7	16	16	—
Scarlet Fever ...	—	31	99	28	6	—	—	10	3	32	60	15	23	21	—	—	—	—	—	—	—	—
Typhus Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever ...	—	—	—	1	2	1	—	—	—	2	2	—	—	—	—	—	1	2	—	—	—	—
Relapsing Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Continued Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever ...	—	—	—	—	2	—	—	—	—	—	1	—	—	1	—	—	—	1	—	—	1	—
Ophthalmia ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Neonatorum ...	11	—	—	—	—	—	—	—	1	1	1	3	5	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Meningitis ...	—	—	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Poliomyelitis ...	—	1	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Tuber- ( Pulmonary ...	—	1	16	14	42	15	—	8	7	12	26	9	15	11	—	—	—	—	—	—	—	—
culosis { Other Forms ...	—	3	6	6	3	—	—	3	2	3	4	1	4	1	—	—	—	—	—	—	—	—
Totals ...	357	42	155	55	62	25	1	27	17	64	115	35	54	45	11	1	12	39	10	18	20	—

\* Notifiable from September 18th.



TABLE III.—DEATHS REGISTERED DURING THE CALENDAR YEAR 1915,  
CLASSIFIED BY AGE AND CAUSE.

Causes of Death	Nett Deaths at the subjoined ages of "Residents," whether occurring within or without the District.									Deaths in Localities at all ages.							Death in Public Institutions.
	All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Stretford Ward.	Longford Ward.	Talbot Ward.	Trafford Ward.	Cornbrook Ward.	Clifford Ward.	Park Ward.	
All causes { Certified ... Uncertified .	529 14	57 3	14 1	10	24 1	30	79 1	146 2	169 6	66 3	43 1	62 4	164 1	65	79 4	50 1	
Enteric Fever ...	2						1	1				1	1				
Small-pox ...																	
Measles ...	13	2	5	5	1					1	2	1	1	2		6	
Scarlet Fever ...	1			1										1			
Whooping Cough...	5	1	1	2	1								5				
Diphtheria & Croup	5	1			4							1	2	1		1	
Influenza ...	4				1				3	1		1	2				
Erysipelas ...																	
Phthisis (Pulmon- ary Tuberculosis)	43		1			14	21	7		5	2	5	13	7	7	4	
Tuberculous Meningitis...	5		2		3								3	1		1	
Other Tuberculous Diseases ...	9	1		1	1	2	3	1		1	2	1	2		3		
Cancer, Malignant Disease ...	51						9	23	19	7	5	9	17	6	7		
Rheumatic Fever ..	7				2	1	2		2	1		2	1	2		1	
Meningitis ...	4	1			1			2			1	1			1	1	
Organic Heart Disease ...	60				1	1	6	24	28	10	5	6	21	7	9	2	
Brochitis ...	48	7	2		1	1	2	12	23	6	6	5	12	6	7	5	
Pneumonia (all forms) ...	32	1	1		1	2	6	13	8	8		7	8	4	3	2	
Other Diseases of Respiratory Organs ...	10	1		1				6	2	1	1	1	4		2	1	
Diarrhoea and Enteritis ...	10	8					1		1	1	1			2	2	4	
Appendicitis and Typhlitis ...	1							1								1	
Cirrhosis of Liver...	3							3		1			1		1		
Alcoholism ...	1						1						1				
Nephritis and Bright's Disease	14				2		2	7	3	2		1	3	3	2	3	
Puerperal Fever ...	1						1									1	
Other Accidents & Diseases of Preg- nancy and Par- turation ...	1						1					1					
Congenital Debility & Malformation, including Pre- mature Birth ...	25	24			1					5	1	2	9	1	5	2	
Violent Deaths, ex- cluding Suicide...	19		1		1	3	3	10	1	3	2	1	2	4	2	5	
Suicides...	3						2	1					1		2		
Other Defined Diseases ...	159	10			4	6	19	37	83	15	16	18	55	18	28	9	
Diseases Ill-defined or Unknown ...	7	3	2						2	1		2			2	2	
All Causes ...	543	60	15	10	25	30	80	148	175	69	44	66	165	65	83	51	



TABLE III.—*continued.*

SUB-ENTRIES INCLUDED IN THE FOREGOING FIGURES.

Cerebro-Spinal															
Meningitis ...	1			1										1	
Poliomyelitis ...															
Lobar Pneumonia	13				1	1	9	2	3		3	3	2	1	1
Acute Croupous															
Pneumonia ...	1					1					1				
Pneumonia ... ..	10			1	1	4	1	3	3		1	4	1	1	
Septic Pneumonia .															
	25			2	2	6	10	5	6		5	7	3	3	1

TABLE IV.

INFANT MORTALITY, 1915.

NETT DEATHS FROM STATED CAUSES AT VARIOUS AGES  
UNDER 1 YEAR OF AGE.

CAUSE OF DEATH.				Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 1 month.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	Total deaths under 1 year.
ALL CAUSES :—													
Certified ... ..	...	...	...	24	2	1	3	30	7	5	9	6	57
Uncertified ... ..	...	...	...						1	1		1	3
Small-pox....	...	...	...										
Chicken-pox	...	...	...										
Measles ... ..	...	...	...								1	1	2
Scarlet Fever	...	...	...										
Whooping Cough	...	...	...							1			1
Diphtheria and Croup	...	...	...									1	1
Erysipelas...	...	...	...										
Tuberculous Meningitis	...	...	...										
Abdominal Tuberculosis...	...	...	...									1	1
Other Tuberculous Diseases	...	...	...										
Meningitis (not Tuberculous)	...	...	...							1			1
Convulsions	...	...	...						1	1	1	2	5
Laryngitis...	...	...	...										
Bronchitis...	...	...	...				1	1	1		4	1	7
Pneumonia (all forms)	...	...	...								1		1
Diarrhœa ... ..	...	...	...		1			1	1		1		3
Enteritis ... ..	...	...	...	2	1			3	1		1		5
Gastritis ... ..	...	...	...							1			1
Syphilis ... ..	...	...	...	1				1					1
Rickets ... ..	...	...	...										
Suffocation, overlying	...	...	...										
Injury at Birth ...	...	...	...										
Atelectasis ... ..	...	...	...										
Congenital Malformations	...	...	...	3				3					3
Premature Birth ...	...	...	...	13		1		14	2				16
Atrophy, Debility and Marasmus	...	...	...				2	2	2			1	5
Other Causes ... ..	...	...	...	5				5		2			7
Total ... ..				24	2	1	3	30	8	6	9	7	60

Nett Births in the year :—Legitimate, 646 ; illegitimate, 22

Nett Deaths in the year of legitimate infants. 52 ;  
illegitimate infants. 8.

## FACTORIES, WORKSHOPS, WORKPLACES AND HOMEWORK.

### 1.— INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

Including Inspections made by Sanitary Inspectors or  
Inspectors of Nuisances.

Premises.  (1)	Number of		
	In- spections. (2)	Written Notices. (3)	Prosecu- tions. (4)
Factories ... .. (Including Factory Laundries.)	12	5	—
Workshops ... .. (Including Workshop Laundries.)	638	4	—
Workplaces ... .. (Other than Outworkers' premises included in Part 3 of this Report.)	76	1	—
Total ... ..	726	10	—

## 2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS, AND WORKPLACES.

Particulars.  (1)	Number of Defects			No of Pro- secu- tions.  (5)
	Found (2)	Reme- died. (3)	Ref'ed to H.M. Inspect. (4)	
NUISANCES UNDER THE PUBLIC HEALTH ACTS :—				
Want of cleanliness ... ..	13	13	—	—
Want of ventilation ... ..	1	1	—	—
Overcrowding ... ..	—	—	—	—
Want of drainage of floors ...	—	—	—	—
Other nuisances ... ..	13	13	—	—
Sanitary accommodation—				
Insufficient ... ..	4	4	—	—
Unsuitable or defective ...	21	21	—	—
Not separate for sexes ...	2	2	—	—
OFFENCES UNDER THE FACTORY AND WORKSHOP ACTS :—				
Illegal occupation of underground bakehouse (s. 101) ... ..	—	—	—	—
Breach of special sanitary require- ments for bakehouses (ss. 97 to 100) ... ..	—	—	—	—
Other offences ... .. (Excluding offences relating to outwork which are included in Part 3 of this Report).	—	—	—	—
Total ... ..	54	54	None	None

## 3.—HOMEWORK.

NATURE OF WORK.	Number of	
	Lists.	Outworkers.
Lists of Outworkers (s. 107) :—		
Wearing Apparel—Making, etc.		
Lists received from Employers	4	59
Total           ...    ...	4	59

## 4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.	Number.
Boot and Shoe Repairing ... ..	33
Bread and Confectionery Baking ... ..	33
Cycle and Motor Repairing ... ..	5
Dressmaking ... ..	20
Joiners ... ..	5
Fish and Chip Shops ... ..	19
Milliners ... ..	10
Ice Cream Shops ... ..	16
Plumbers ... ..	11
Painters and Paperhangers... ..	4
Stone and Monumental Masons ... ..	4
Tailors... ..	11
Wheelwrights ... ..	2
Watch and Clock Repairing ... ..	7
Other Workshops ... ..	61
Workplaces ... ..	40
Total Number of Workshops on Register	281



## 5.—OTHER MATTERS.

Class (1)	Number (2)
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133) ... ..	—
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5) :—	
Notified by H.M. Inspector ... ..	2
Reports (of action taken) sent to H.M. Inspector ... ..	1
Other ... ..	—
Underground Bakehouses (s. 101) :—	
Certificates granted during the year ...	—
In use at the end of the year ... ..	4

## TABLE C.

## COUNTY OF LANCASTER.

SUMMARY OF MEDICAL OFFICER'S REPORT FOR 1915.  
URBAN DISTRICT OF STRETFORD.

Medical Officer of Health, W. J. HESLOP, F.R.C.S. (Ed.). Salary as M.O.H., £150.

Inspector of Nuisances, ELLIS NUTTALL. Salary as Inspector, £250.

What is the character of the Hospital Accommodation? For Small-pox, Good. For other Infectious Diseases, Good.

Is it Joint or otherwise? Accommodation is provided by the Salford Corporation. A Retaining Fee is paid.

No. of Beds available for your District? For Small-pox, 6. For other Infectious Diseases, 18.

Deaths in Hospital of patients removed from your District? From what causes? Enteric Fever, 2. Diphtheria, 3. Puerperal Fever, 1.

How is Disinfection carried out? No. of Houses disinfected, 339. Method, Formalin and SO<sub>2</sub>. Are Houses disinfected after Phthisis? Yes. Apparatus used for Clothing, Bedding, etc. (steam or otherwise)? Steam (Washington Lyons patent). Where is apparatus situated? Sanitary Dépôt belonging to this Council.

Are any Diseases not specifically mentioned in the Infectious Diseases Notification Act notifiable (for instance, Measles, Whooping Cough, Diarrhœa, Chicken Pox, etc.)? If so, what are they? Chicken Pox, (from September 18th), for 6 months.

Diseases specially prevalent? None. Period?

No. of times School Closure adopted? None. For what disease?

No. of Special Reports made under Art. XIX. (15 and 16) Sanitary Officers' Order, 1910? None.

Bacteriological Examinations. Specimens examined: Blood, 16. Swabs, 20. Sputum, 96. Milk, 20. Others, 2 Naso-pharyngeal Swabs.

Arrangement (if any) made under the Diphtheria Anti-toxin Order, 1910? Anti-diphtheria serum supplied to medical practitioners free of charge.

"The Housing of the Working Classes Acts, 1890 to 1909."—Has your Authority determined the procedure to be adopted for the inspection of your District as required by Article 1 of the Regulations? No. Has your Authority prepared, as required by Article 1 (3), a list of dwelling-houses, the early inspection of which is desirable? No.

Has your Authority designated an officer to undertake the special inspection of houses and to keep the records stipulated by Article 2. If so, what officer? Yes, 3 Assistant Inspectors. Have the necessary books, forms, etc., for keeping the required records been obtained? Yes. Action taken in 1915 :—Total No. of dwelling-houses inspected? None. No. of Dwelling-houses specially inspected under Sec. 17 of the Act of 1909? None. No. of Dwelling-houses considered unfit for human habitation? None. No. of Representations to Authority with a view to making Closing Orders? None. No. of Closing Orders made? None. No. of Dwelling-houses in which defects were remedied without making Closing Orders? None. No. of Dwelling-houses put into a fit state of habitation after making Closing Orders? None. No. of Dwelling-houses demolished? None. General character of defects found to exist?

Is there a deficiency of housing accommodation? If so, where, and to what extent? No.

What steps are being taken to meet the deficiency?

Number of New Houses built during 1915. By and at the cost of the District Council? None. By private enterprise? 55.

Source of the Water Supply. Manchester Waterworks, and two wells. What is its condition? Manchester water good. Possibilities of contamination? Wells—surrounding ground under cultivation. Any insufficiency, and where? No.

Is Scavenging and Removal of House Refuse carried out satisfactorily for whole of district? Yes. How performed (state whether by Sanitary Authority, Contract, or Occupiers of Houses)? By Sanitary Authority.

How is the Refuse disposed of? Part at a tip and part at the Destructor Works. Has a Destructor been provided? Yes.

Sewage Disposal Works. Method of Treatment? Broad Irrigation and Bacteria Treatment. What is the character of the Drainage System? Any developments during year? Satisfactory. No. Areas, or Townships, without proper drainage system? Nil. Action taken—Drain Flushing, Testing, etc? Drains tested by water and by smoke. Sewers periodically flushed.

Action taken with regard to the Pollution of Streams? None.

Canal Boats: Number Inspected? None. Number of Infringements of Acts? None.

What is the condition of the Bakehouses? Satisfactory.

What is the condition of the Slaughter-houses? Satisfactory so far as Private Slaughter-houses can be. Has a Public Abattoir been provided? No.

What is the condition of the Lodging-houses? Nil. Are they Registered?

What is the Sanitary condition of the Schools? Satisfactory.

Dairies, Cowsheds and Milkshops—are they periodically inspected? Yes. What is their condition? Satisfactory.

Have Regulations been made under the Order of the L.G.B.? Yes. Are they enforced? Yes.



Amount of air space in cubic feet required for each cow? 800 cubic feet in new cowsheds, 600 in old cowsheds.

No. of Cowkeepers? No. on Register? 14. No. of inspections during year? 132.

No. of Dairymen or Purveyors of Milk (other than Cowkeepers)? No. on Register? 150.

Any arrangements for veterinary inspection of dairy cows? No.

Action taken (if any) as to tuberculous milk? 20 samples bacteriologically examined.

Inspection of Food.—No. of Carcases and parts of Carcases condemned for tuberculosis? None. Amount of Food, other than the above, condemned as unfit for human consumption? 120 diseased or unsound organs, 109 lbs. of unsound fruit. No. of Legal Proceedings and result? None.

Department of Inspector of Nuisances.—No. of Notices served? 326 preliminary, 20 statutory. Nuisances remedied, 2,100. No. of Legal Proceedings taken and result? None.

Closet Accommodation of the District—

No. of Privy Middens? 1.

Pail Closets? 191.

Fresh Water Closets? 13,159.

Waste Water Closets? 352.

No. of Privy Middens converted during 1915? To W.C.s, None. To Pails, etc., 5.

No. of Pail Closets converted to W.C.s? None.

No. of Waste Water Closets converted to W.C.s? 22.

Does Council contribute towards the cost of conversion?

Yes. If so, how much? Usually 25/-.

What kind of closet accommodation is being provided for new property? Pedestal washdown water closets.

Smoke—

No. of Observations? 108

No. of Legal Proceedings taken and result? 5. Fines amounting to £7 12s. imposed.

What is the time limit allowed for the emission of black smoke per hour? 4 minutes.

Has the Authority adopted—

“The Infectious Disease (Prevention Act), 1890”? Yes.

“The Public Health Acts Amendment Act, 1890”? Yes.

“The Public Health Acts Amendment Act, 1907”? Yes, in part.

Has a Health Visitor (whole, or part-time) been appointed? Yes, whole time.

Has any, and if so, what action been taken respecting Child Welfare Work? A Clinic has been formed; advice is given to mothers, and infants weighed when necessary.

Notable Sanitary Improvements during 1915.—52 trough closets abolished and 51 water closets provided in connection with the schools in the districts. The conversion of waste water closets to washdown water closets.

Chief Sanitary requirements of District.—Nil.





**Stretford Urban District Council.**

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SANITARY INSPECTOR'S

# REPORT

UPON THE WORK OF THE

Sanitary, Cleansing, and  
Hackney Coach Departments,  
during the Year 1915.

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*Ellis Russell*

*Chief Sanitary Inspector.*

*Approved by Council, June 6th, 1916.*



# The Urban District Council of Stretford.

—:0:—

## Sanitary Staff.

ELLIS NUTTALL, C.S.I. ; Cert. M.I. ; Chief  
Sanitary Inspector and Cleansing Superintendent.

R. C. JACKSON, Assistant Sanitary Inspector.

(a) T. E. BOWKER, C.S.I., Cert. M.I. „ „

S. MASSEY, C.S.I., Cert. M.I. „ „

E. SAUNDERS (Mrs) „ „

(a) H. M. GATHERCOLE, C.S.I., Clerk and Assistant  
Inspector.

STEWART SWIFT, Inspector's Junior Clerk.

G. H. HOWARTH, Foreman, Cleansing Department

(a) W. SUMMERS, Disinfector.

F. JONES. Disinfector and Assistant Motor Ambu-  
lance Driver.

(a) SAMUEL BOWER, Motor Ambulance Driver.

(a) On Military Service.

# ANNUAL REPORT OF THE INSPECTOR OF NUISANCES

FOR THE  
YEAR ENDED DECEMBER 31st, 1915.

—————:O:—————

TO THE CHAIRMAN AND COUNCILLORS OF THE SANITARY AND  
HACKNEY COACH COMMITTEE.

GENTLEMEN,

I have the honour to submit my Twenty-first Annual Report for the year ended December 31st, 1915, which (in brief) is a review of the work done in connection with the Sanitary, Cleansing, and Hackney Coach Departments under your direct jurisdiction.

Reference to the "General Summary" of work done, etc., page 56, gives, in brief, some idea of the multifarious duties discharged by your Sanitary Staff during the year being reported upon.

Exclusive of the visits made under the "Shops Act," "Street Trading Bye-laws," "Petroleum Acts," "Food and Drugs Acts," and "Attendances at Football Matches," nearly 7,000 visits have been made by your (male) Inspectors, whilst 2,607 visits are recorded as having been made by your lady inspector, 2,406 of the latter being in respect of Infant Welfare. See Summary of Visits, page 60.

Other than Tuberculosis, 252 cases of Infectious Disease have been notified to your Medical Officer of Health, each has been inquired into, and every effort made to trace its origin and to prevent the disease from becoming epidemic. At the time of inquiry a superficial inspection of the premises



is made to ascertain if any conditions obtain that are or may become a danger to health, pending a more exhaustive one subsequently.

109 new cases of Tuberculosis have been notified, viz.—pulmonary, 89 ; other forms, 20. Each case has been inquired into, advice given and suggestions made, where deemed desirable. Pocket sputum flasks are, on application, supplied to patients who are able to take outdoor exercise ; to those unable to do so, prepared paper handkerchiefs are available ; these the patient is instructed to immediately burn after use. On recovery, removal or death, the bedroom, bedding, clothing, etc., used by the patient or attendant and which have been exposed to infection, are fumigated.

As a precautionary measure, and after ordinary infectious cases, over 3,000 articles have been disinfected by steam or hot air (see Statement VI., page 67). Also 531 bed and other rooms have been fumigated and the paper removed from 124, the latter being sprayed with a disinfectant solution. Statement VII., page 68.

As in previous years, disinfecting fluid has been given free to all applicants of infected houses and to those in possession of cards ; one 8oz. bottle is given once every three weeks for houses free from infectious disease, but where there is infection it is given as applied for. During the year 1915, 1,040 new Cards have been issued.

To the principal School Attendance Officer of the Council, 138 duplicate notices have been given after the disinfection of infected houses has been carried out ; such notices enable that officer to know when children of school age may return to school.

In order to secure the exclusion of scholars (from infected houses) from Day or Sunday Schools, 339 intimations have been sent to the Principals and Superintendents of such institutions, and to enable the last named to again admit scholars a notice is sent to him after disinfection.

## AMBULANCE SERVICE.

MOTOR.—The Motor Ambulance has turned out 195 times during the 12 months covered by this report. 200 persons have been removed—Accidents, 151 ; Sudden cases of illness, 48 ; Drunk, 1.

Of the above, 101 were removed to the Manchester Royal Infirmary, 64 to the Salford Royal Hospital, 4 to the Royal Eye Hospital, 7 to St. Mary's Hospital, 1 to the Police Station, and 23 to sundry places.

The distance recorder shows that during 1915 the Motor Ambulance travelled 1,296 miles, and from its delivery on September 29th, 1914, to the end of that year it had travelled 331.7 miles. Total distance travelled since purchase being 1627.7 miles.

Several calls for service have been received and rendered from the " Davyhulme " part of the Trafford Park Area; for such service an account has been rendered and in most cases met, but in one or two instances demur has been made, the contention being that such service should be free ; whilst in one case the amount charged has not been recovered.

Of other special cases one was in respect of the removal of a patient from Liverpool to Stretford and another from Swinton to Greenfield. The fee in each case being two guineas.

For details see Statement VIII, page 69.

HORSE AMBULANCE.—The service of the " Horse Ambulance " has been requisitioned 28 times during the past year and removed to various places 28 persons. See Statement IX, page 70.

The estimated distance travelled being  $79\frac{1}{2}$  miles. Fees received amount to £6 18s. 6d.

## FOOD AND DRUGS ADMINISTRATION.

The total number of samples of " Food and Drugs " submitted for analysis by this Council number 80 as against 93 for the year 1914.

The County Analyst has certified that 69 were genuine, 5 to be " Poor, Doubtful, or Passable," 4 to be below the standard fixed (by the Board of Agriculture) for Milk, and 2 to be adulterated. The vendor of the last two samples was prosecuted; after service of summons he asked that samples should be taken at the farm and analysed; this was done and as the Analyst certified the samples to be substantially the same, the summons was withdrawn on the vendor paying the costs of the Council, amounting to £1 12s. 2d.

For details of the samples analysed see Statement X, page 71.

Statement XI, page 72, shows that 133 samples of Foods and Drugs have been purchased within the district of Stretford by the County Police, of which 124 were found to be genuine and 9 to be adulterated. The vendors of the adulterated samples were each successfully (except in one instance) prosecuted.

The aggregate samples submitted for analysis from this district number 213, equivalent to 4.71 per 1,000 of the estimated population, as against 4.11 for the year 1914.

## TESTING OF DRAINS AND SANITARY FITTINGS. OLD AND NEW PROPERTY.

Reference to Statement XII, page 73, shows the necessity of a suitable test being applied to the drains and sanitary fittings of all classes of property.

To the drains of Old Property 477 tests have been applied, revealing 248 defects, and which is ample evidence



of the necessity before mentioned. Had no test been made, 52% of such conduits would have remained a menace to health. In the case of Sanitary Fittings, 44.4% would have been a danger to health had your sanitary officials been satisfied with simply looking at and examining such conveniences.

The tests applied to the drains and sanitary fittings of New Property showed (from various causes) 44.2% of the former and 39.6% of the latter to be defective; but it is only fair to point out that many of the contributing factors were due to defects in the materials, and which could only be detected on the application of a suitable test.

I may add that where defective workmanship or materials are found they are at once remedied by the responsible person.

#### SMOKE OBSERVATIONS.

Of Chimneys, other than those of private dwelling-houses, your sanitary inspectors have, during the year 1915, made 108 observations, each of 60 minutes' duration, the results being monthly reported to the Sanitary Committee.

During the aforesaid observations, "Black Smoke" was emitted for an aggregate period of  $267\frac{1}{2}$  minutes.

The chimneys that have been under observation belong to 33 different firms. The observations show that 7 firms have contravened the Council's regulations 15 times, as against 9 breaches last year.

35 minutes is the longest time that any one firm emitted black smoke during a 60 minutes' observation, but in three other instances the same firm emitted black smoke for  $32\frac{1}{2}$ ,  $27\frac{1}{2}$  and 24 minutes respectively, whilst another firm offended on three occasions by sending out black smoke for 16, 15 and 9 minutes respectively.



During 1914 the longest time that any firm sent out black smoke in a 60 minutes' observation was 11 minutes 20 seconds.

57 or 52.2% of the observations show that no black smoke was emitted, whilst 11 or 11.8% issued such smoke for less than one minute.

Two firms that have frequently offended during the year emitted black smoke (on the average) of 13 minutes 28 seconds and 8 minutes 49 seconds respectively.

The two firms above referred to have been prosecuted for five offences; to other offending firms letters and notices of warning have been sent.

Statement XIII., page 74, gives the number and types of sanitary conveniences in each ward, and I am glad to be able to report a diminution in both "Trough" and "Waste Water" Closets.

It will be observed that there is a slight increase in the number of "Pail" closets, due to those temporarily in use at the Headquarters of the Royal Engineers and on the Manchester Sewer.

#### CLEANSING DEPARTMENT.

Throughout the district there are 9,233 domestic refuse receptacles, the number of fixed and portable ones are shown in statement XIV., page 75.

#### APPLICATIONS.

For attention to domestic refuse receptacles and notwithstanding the shortage of labour in the Cleansing Department, I am pleased to be able to report only a slight increase in the number of applications received during the year 1915. See Statement XV., page 76.

The corresponding Statement in my next annual report will not, I fear, be quite so favourable as that for the year under review.

Statement XVI., page 77, records monthly the number of dry-ashpits and dust bins emptied. Statement XVII, page 78, gives the number of loads of domestic refuse removed ; also the number from " Pail Closets," and of Clinkers, Brickbats, etc. The aggregate number removed being 11,846.

It will be seen from Statement XVIII., page 79, the places of deposit.

Over 50% of all the refuse collected and incombustible materials removed from the destructor has been tipped at the Park Road Tip.

#### DESTRUCTOR WORKS.

The destructor has worked (during the year being reported upon) 4,900 hours, against 4,795 for the previous year ; and assuming the average weighings has been maintained, 5,559 tons of refuse has been dealt with.

Throughout the whole of 1915 the department has had considerable difficulty in disposing of the destructor clinkers and other incombustible refuse found in ashpits, and I feel that this difficulty is an increasing one. I would also add that the practice (of various trades engaged in repairing property or in making alterations) of putting brickbats, slates, lime, mortar, etc., into ashpits is on the increase, and is a considerable expense to the department. For details see Statement XIX, page 80.

#### HACKNEY COACH DEPARTMENT.

For the fifth successive year the number of licenses issued and revenue derived therefrom show a decline on the previous year See Statement XX, page 81.

## PROSECUTIONS.

Statement XXI., page 82, shows that 12 persons have been prosecuted and ordered to pay an aggregate sum of £2 19s. 6d. for allowing the chimney of their respective dwelling house to be on fire. In each case information was laid by the County Police.

For breach of the provisions of the " Food and Drugs Acts " one vendor has been prosecuted on two informations ; but the cases were withdrawn on the farmer paying to the Council £1 12s. 2d. as costs incurred by them.

For emission of " Black Smoke " in such quantity as to be a nuisance, two firms have (on five informations) been prosecuted and ordered to pay fines and costs amounting to £7 12s. 0d.

## CONCLUSION.

In concluding this report permit me to record my appreciation for the support accorded me by the Sanitary and Hackney Coach Committee of this Council, and also to acknowledge the assistance of every unit of the Department engaged in removing conditions found to be a menace to health or likely to become so.

I have the honour to be,

Your obedient Servant,

A handwritten signature in cursive script, reading "Ellis Russell". The signature is written in dark ink and is positioned above the printed name of the Chief Sanitary Inspector.

CHIEF SANITARY INSPECTOR.

February 21st, 1916.

GENERAL SUMMARY OF WORK DONE FROM  
JANUARY 1ST TO DECEMBER 31ST, 1915.

HEALTH DEPARTMENT.

Preliminary Notices served	...	...	...	...	326
Statutory Notices served	...	...	...	...	20
„ „ of Entry for Inspection	...	...	...	...	58
„ „ Housing and Town Planning Act...	...	...	...	...	0
Houses and Premises referred to in Notices issued,					
number	...	...	...	...	737
Number of Dust Bins supplied on service of Notice	...	...	...	...	175
Drains tested	...	...	Old Property	...	477
Sanitary Fittings tested	...	...	do.	...	153— 630
Drains tested	...	...	New Property	...	350
Sanitary Fittings tested	...	...	do.	...	157—507
Foul Privies abolished	...	...	...	...	3
Foul Ashpits abolished	...	...	...	...	3
Intercepting traps provided to drains	...	...	...	...	13
Ventilating Shafts provided at head of drains	...	...	...	...	29
Fresh air inlets provided	...	...	...	...	13
New drainage to old property, 9-inch dia.	29	yards.			
„ „ „ 6-inch „	999	„			
„ „ „ 4-inch „	1008	„			
„ to 6in. passage drains	102	„			—2138
Ambulance service calls received— Motor	...	...	...	...	195
		Horse	...	...	28— 223
Persons removed by Motor	...	...	...	...	200
		Horse	...	...	28— 228



INFECTIOUS DISEASES.

Infectious diseases reported	...	...	...	...	252
Cases of Pulmonary Tuberculosis notified	...	...	...	...	89
Cases of Tuberculosis other than Pulmonary...	...	...	...	...	20
Patients removed to Hospital	...	...	...	...	114
Rooms fumigated	...	...	...	...	551
Rooms stripped and washed	...	...	...	...	124
Lots of bedding, etc., disinfected	...	...	...	...	227
Articles disinfected	...	...	...	...	3092
Schoolrooms fumigated	...	...	...	...	192
Certificates sent to Principal of School " re Infectious Diseases "	...	...	...	...	153
Certificates sent to Education Department " re Infectious Diseases "	...	...	...	...	153
Notices sent to Education Department after disinfection	...	...	...	(duplicate)	138
*Notices sent to Superintendents of Sunday Schools	23				
*Recovery Notes	„	„	„	„	10— 477
Notices to remove patients sent to Ladywell	...	...	...	...	102

COWSHEDS, MILKSHOPS AND SLAUGHTER-HOUSES.

Notice re Cowsheds, etc....	...	...	...	...	2
Blocked Ventilators Opened	...	...	...	...	10
Accumulations of manure removed (Cowsheds)	...	...	...	...	1
Dirty Cowshed floors cleansed	...	...	...	...	2
Cowsheds limewashed	...	...	...	...	16
Milkshops and Dairies cleansed...	...	...	...	...	—
Slaughter-houses cleansed	...	...	...	...	4
Catchpits cleansed...	...	...	...	...	2

\* One month only.

Slaughter-houses limewashed	...	...	...	...	10
Repair Slaughter-house floor	..	...	...	...	1
Notice to remove offal and manure (Slaughter-house)					1
Accumulation of Offal	...	...	...	...	4
Diseased and unsound organs destroyed (20)				120lbs.	
Unsound fruit destroyed...	...	...		109lbs.	
Defective Milk Covers and Cabinets	...	...	...		6
Dirty Stable cleansed	...	...	...	...	1

CLEANSING DEPARTMENT.

Pails emptied...	...	...	...	...	—
Dry Ashplaces emptied	...	...	...		28915
Dust-bins emptied	...	...	...	...	396992
					————— 425907
Loads removed from Pail Closets	...	...			106
Loads removed from dry ashplaces			...		3307
Loads removed from dust-bins	...	...			7164
Loads of clinkers, flue dust and brickbats removed	...	...	...	...	1269
					————— 11846
Applications to remove refuse	...	...			119
Loads tipped at the Destructor	...	...			4695

HACKNEY COACH DEPARTMENT.

NUMBER OF LICENSES ISSUED.

Hackney Coach licenses	...	...	...	...	10
Omnibus licenses	...	...	...	...	24
Tramcar licenses	...	...	...	...	212
Hackney carriage drivers' licenses		...	...		12
Omnibus drivers' licenses		...	...	...	339
Omnibus conductors' licenses	...	...	...		337
Special Football licenses	...	...	...	...	32 —966

OTHER LICENSES ISSUED.

Petroleum licenses...	...	...	...	...	29	
Calcium of Carbide licenses	...	...	...	...	8	
Slaughter-house licenses	...	...	...	...	6	
Game licenses	...	...	...	...	2	
Provisional licenses	...	...	...	...	1	
Provisional repair licenses	...	...	...	...	—	
Street Trading licenses	...	...	...	...	83	
Street Trading Badges exchanged	...	...	...	...	69	
					—	198
Grand Total					...	1164

Licenses refused	...	...	...	...	—	
Articles left in cabs	...	...	...	...	1	
Articles reclaimed	...	...	...	...	—	

MISCELLANEOUS.

Samples of food and drugs submitted for analysis by S.U.D.C.	...	...	...	80	
Samples submitted by County Police	...	...	...	133	
				—	213
Prosecutions under Food and Drugs Act—					
S.U.D.C.	...	...	...	2	
County Police	...	...	...	9	
				—	11
Smoke observations taken	...	...	...	108	
Complaints attended to	...	...	...	251	
Proceedings under the Public Health Act	...	...	...	5	
Prosecutions for chimneys on fire	...	...	...	12	
Prosecutions under Hackney Coach Clauses	...	...	...	0	
Prosecutions re Employment of Children Act...	...	...	...	0	

## SUMMARY OF VISITS.

Health Department.		Summary of Work Done by Lady Inspector.	
Inspections to drains of Old Property ... ..	97	First Visits to Infants ...	710
Other Inspections do. ...	1016	Re-Visits to Infants ... ..	1696
Visits and Re-Visits, to work done and in progress ...	3448	Visits to Outworkers....	65
Visits and Re-Visits to Test Drains and Fittings of New Property ... ..	584	Visits to Workshops—	
Visits in respect of Infectious Diseases ... ..	1068	Dressmakers ... ..	45
Visits to Cowsheds, Dairies, and Milkshops ... ..	267	Confectioners ... ..	—
Visits to Slaughter-houses ...	230	Visits to Laundries ... ..	7
Visits to Bakehouses ... ..	150	Visits to Ophthalmic Cases	46
	6860	Visits to Phthisis Cases ...	3
		Visits to Midwives ... ..	3
		Visits to Factories ... ..	6
		Visits re National Relief Fund ... ..	21
		Visits re Civic Guild of Help	5
		Total Visits ... ..	2607
Miscellaneous.			
Attendance at Cricket Ground and Football Matches ... ..	42		
Visits to Barbers' Shops ...	30		
Visits re Street Trading ...	289		
Visits re Shops Act ... ..	260		



STATEMENT I.  
NUMBER AND NATURE OF NUISANCES AND DEFECTS  
FOUND AND REMEDIED.

Nature of Nuisance or Defect.						No. of Defects,&c.
<b>HOUSES AND OTHER PREMISES.</b>						
<b>Ashpits—</b>						
Defective	Brick-built	Ashpits	...	...	...	10
„	Ashpit	Roofs	...	...	...	15
„	Doors and	Fastenings	...	...	...	129
„	Want of	Ashpit Roofs	...	...	...	10
„	Galvanised	Dustbins	...	...	...	175
<b>Surfaces—</b>						
Defective	Cellar	Surfaces	...	...	...	86
„	Yard	Surfaces	...	...	...	194
„	Kitchen and	Scullery Surfaces	...	...	...	14
„	Brick	Cellar Surfaces	...	...	...	2
„	Washhouse	Floors	...	...	...	4
„	Passage	Surfaces	...	...	...	13
„	Intercepting	Chambers	...	...	...	2
Dirty	Intercepting	Chambers	...	...	...	2
<b>Drains—</b>						
Defective	4in. and 6in.	Cellar Drains	...	...	...	44
„	4in. and 6in.	Yard Drains	...	...	...	85
„	9in.	Yard Drains	...	...	...	4
„	Passage	Drains	...	...	...	8
„	Brick	Drains	...	...	...	4
„	Inspection	Chamber	...	...	...	1
Want of	Interceptors or	F.A.I.	...	...	...	13
Want of	Vent	Shafts	...	...	...	5
Obsolete	Gullies and	Blocks	...	...	...	129
Choked	Yard	Drains cleansed	...	...	...	83
„	Cellar	Drains cleansed	...	...	...	25
„	Yard	Gullies cleansed	...	...	...	12
„	Cellar	Gullies cleansed	...	...	...	25
„	Passage	Gullies cleansed	...	...	...	5
„	Interceptors	cleansed	...	...	...	2
„	W.C.s and	Branch Drains cleansed	...	...	...	23
„	R.W.P.s	cleansed	...	...	...	18
<b>Sanitary Conveniences—</b>						
Defective	Washout	W.C.s removed	...	...	...	31
„	Washdown	W.C.s removed	...	...	...	29
„	Hopper	W.C.s removed	...	...	...	19
„	Pan	Closet removed	...	...	...	1
„	Tippler	Closets removed	...	...	...	22
„	and Foul	Trough Closets removed	...	...	...	53
„	Pail	Closets removed	...	...	...	5
„	Closet	Compartments repaired	...	...	...	30
„	Closet	Cisterns repaired	...	...	...	53
„	Soilpipes	repaired	...	...	...	33
„	Ventilating	Shafts repaired	...	...	...	29
„	Privies	abolished	...	...	...	3
Dirty	Closet	Compartments cleansed	...	...	...	9
Dirty	W.C.	Basins cleansed	...	...	...	4
Foul	Pail	Closets cleansed	...	...	...	5

## STATEMENT I.—Continued.

Nature of Nuisance or Defect.	No. of Defects, &c.
<b>Dangerous Structures—</b>	
Dangerous Yard or Passage Walls... ..	36
„ Buildings ... ..	16
„ Chimneys ... ..	3
<b>Miscellaneous Nuisances or Defects—</b>	
Defective Rainwater Pipes ... ..	53
„ Slopstones ... ..	40
„ Chimney Flues ... ..	2
„ Waste Pipes ... ..	31
„ House Roofs ... ..	24
„ Gutters ... ..	16
Untrapped Waste Pipes Trapped ... ..	50
Rainwater Pipes connected direct into Drain	25
„ „ „ „ to S.P. ... ..	4
Accumulation of Manure ... ..	15
„ „ Refuse, Filth, etc. ... ..	9
Keeping Animals so as to be a Nuisance ... ..	2
Stagnant Water in Cellars ... ..	3
Damp Walls and Ceilings ... ..	28
Dirty Dwellings ... ..	8
„ Yards and Cellars ... ..	4
Want of Light and Ventilation in Bedrooms ... ..	2
Foul Ashpits abolished—14 Double, 25 Single ... ..	39
Unclassified ... ..	105
<b>DAIRIES, COWSHEDS AND MILKSHOPS.</b>	
Cowshed Overcrowded ... ..	1
Unclean Cowshed Floors ... ..	2
Defective Cowshed Floors ... ..	2
Defective Milk Vessels, Covers and Cabinets ... ..	6
Blocked Ventilators ... ..	10
Accumulation of Manure ... ..	1
Cowsheds Limewashed ... ..	22
Dirty Stables ... ..	2
<b>SLAUGHTER-HOUSES.</b>	
Slaughter-houses cleansed ... ..	4
Catchpits cleansed ... ..	2
Benches cleansed ... ..	1
Choked Drains cleansed ... ..	2
Accumulation of Offal removed ... ..	4
Accumulation of Manure removed.... ..	1
Defective Floor ... ..	1
Slaughter-houses Limewashed ... ..	10

STATEMENT 1.—Continued.

Nature of Nuisance or Defect.	No. of Defects,&c.
<b>FACTORIES, WORKSHOPS AND WORKPLACES.</b>	
Foul Condition of Urinals ... ..	2
Coked Urinal ... ..	1
Absence of Sanitary Conveniences....	4
Want of Separate Sanitary Conveniences...	2
Female W.C.s without proper Doors or Fastenings...	6
Water Closets not sufficiently screened ... ..	2
"    "    in a foul condition ... ..	5
"    "    Choked ... ..	1
"    "    without Flushing Apparatus ...	3
"    "    Compartment without sufficient Light ... ..	1
"    "    insufficiently ventilated ... ..	1
Want of intervening Ventilated Space ... ..	2
Want of sufficient Ventilation in Workshop ...	1
Unclean Bench ... ..	1
"    Floors ... ..	4
"    Bakehouses ... ..	4
"    Workshops and Workplaces ... ..	4
Unclassified Defects ... ..	10

STATEMENT II. OF WORK DONE AND NUISANCES  
REMOVED.

[illegible]



## STATEMENT III. OF COMPLAINTS RECEIVED.

Nature of Complaint.	Number.
Complaints of Defective Flush to Closets ... ..	2
„ „ Waste Water Closets ... ..	27
„ Choked Passage and Yard Gullies ... ..	15
„ „ Water Closets ... ..	8
„ „ Yard Drains ... ..	18
„ „ Cellar Drains ... ..	23
„ „ Interceptors ... ..	—
„ „ Passage Sewers ... ..	8
„ „ Street Gullies ... ..	15
„ Keeping fowls so as to be a nuisance ... ..	11
„ Bad Smells in Cellars ... ..	12
„ Dirty Back Yards ... ..	8
„ „ Sanitary Conveniences ... ..	32
„ „ Houses ... ..	9
„ Stagnant Water in Cellars ... ..	4
„ Black Smoke ... ..	8
„ Nuisance from keeping pigeons... ..	4
„ „ „ Rats ... ..	2
„ Dust Bins ... ..	7
„ Dirty condition of passages ... ..	4
„ Keeping Dogs so as to be a Nuisance ... ..	1
Miscellaneous Complaints ... ..	31
Requests to examine Drains, etc. ... ..	12
Complaints of W.C. Cisterns being out of order ... ..	5
„ Defective Ashpit Doors ... ..	8
„ „ Cellar Floors ... ..	14
„ „ Cellar Drains ... ..	6
„ „ House Roofs ... ..	4
„ Foul Condition of Back Yards ... ..	9
„ Damp Walls ... ..	4
„ Foul Condition of W.C.s ... ..	28
„ Overcrowding ... ..	4
„ Stagnant Water (various places) ... ..	4
„ Water percolating into cellar ... ..	1
„ Rubbish tipped on open space ... ..	5
„ Offensive Smells in Sitting rooms ... ..	5
„ „ „ from Manure Heaps ... ..	8
„ „ „ in W.C. Compartments ... ..	5
„ Chimney Firing ... ..	2
„ Foul Smells from Passage Sewers ... ..	2
„ „ „ Yard Drains ... ..	2
„ „ „ Various Premises ... ..	4
„ „ „ Sculleries ... ..	2
„ „ „ Bedrooms ... ..	1
„ „ „ Miscellaneous Places ... ..	2
„ Noise from Gas Engine ... ..	3
„ Dirty Drinking Water ... ..	2
„ Nuisance from Flies from Manure Heap ... ..	7
„ Nuisance from Sauce Works ... ..	5
„ Choked Cellar Area Drains ... ..	8
„ Stagnant Water on Footpath ... ..	2
„ Keeping Goat in Back Yard ... ..	1
„ Nuisance from Mice ... ..	1
„ Defective Condition of Sewers ... ..	2
„ Want of means to flush W.C. ... ..	3
„ Offensive Smell from Offal Tins ... ..	4
„ Smell, Slaughterhouse Offal ... ..	1
„ Offensive Smell from Chemical Works... ..	8
„ „ „ from Grain Drying ... ..	2
„ „ „ Works ... ..	2
„ „ „ in various parts of the ... ..	22
„ „ „ District ... ..	2
„ „ „ from Pail Closets ... ..	1
„ Nuisance from Dog Barking ... ..	4
„ „ „ Cock Crowing ... ..	4



## STATEMENT IV.—WORKSHOPS AND WORKPLACES.

Work carried on.	Number of	
	W'kshops.	Visits.
<b>Workshops —</b>		
Basket Making ... ..	1	10
Blacksmiths ... ..	2	2
Boot Repairing ... ..	33	30
Bread and Confectionery Baking ...	33	150
Boat Building ... ..	3	3
Cabinet Makers and Upholsterers ...	8	8
Coppersmith ... ..	1	2
Corset Making ... ..	1	1
Cycle and Motor Repairing ... ..	5	14
Dressmaking ... ..	20	45
Drysalters... ..	2	5
Fish and Chip Shops ... ..	19	19
Florists ... ..	2	2
Hairdressers ... ..	21	40
Ice-Cream Making ... ..	16	44
Joiners' Shops ... ..	5	14
Laundries (domestic) ... ..	4	4
Milliners ... ..	10	10
Photographers ... ..	2	2
Picture Framing ... ..	2	2
Plumbers ... ..	11	30
Painters and Paperhangers ... ..	4	7
Pork Butchers ... ..	3	40
Pickshaft Making ... ..	1	2
Printing ... ..	2	2
Rustic Works ... ..	3	6
Sack Making ... ..	2	4
Saddlers ... ..	3	3
Sauce Making ... ..	1	10
Shirt Making ... ..	1	16
Stained Glass Works ... ..	3	4
Stocking Knitting ... ..	1	3
Stone and Monumental Masons ...	4	10
Tailors ... ..	11	19
Tinsmith ... ..	1	4
Wheelwrights ... ..	2	12
Watch and Clock Repairing ... ..	7	4
	250	583
<b>Workplaces —</b>		
Builders' Merchants' Yards ... ..	2	10
Cab Yards (Mews) ... ..	4	18
Coal Yards ... ..	7	8
Contractors' Yards ... ..	6	6
Garages ... ..	4	4
Market Gardeners and Nurseries ...	7	8
Restaurants ... ..	9	21
Pantechnicon ... ..	1	1
Other Workplaces ... ..	—	—
Total Workplaces ... ..	40	76

STATEMENT V.  
OUTWORKERS.

Work carried on.	Number of	
	Out-workers.	Visits.
Making—		
Infants' Garments ... ..	7	14
Children's Frocks and Costumes ... ..	5	11
Men's Jackets and Overalls ... ..	3	3
Tailoress ... ..	2	4
Underclothing (Women's) ... ..	1	2
Handkerchief Hemming ... ..	1	2
Ladies' Costumes ... ..	1	2
Shirts ... ..	8	10
Umbrella Making ... ..	1	2
Aprons and Pinafores ... ..	2	4
Ladies' and Children's Overalls ... ..	1	2
Muff and Fur Making ... ..	1	2
Tailors (Men) ... ..	1	1
Blouse Making ... ..	4	6
	38	65

STATEMENT VI.—DISINFECTION OF BEDDING, ETC.  
LIST OF ARTICLES DISINFECTED OR DESTROYED.

Month.	Beds.	Blankets.	Blinds.	Bolsters.	Carpets.	Cloaks.	Coverlets.	Curtains.	Dresses.	Gowns.	Linen.	Mattresses.	Night Dresses.	Pillows.	Quilts.	Rugs.	Shawls.	Sheets.	Shirts.	Skirts.	Stockings.	Trousers.	Wraps.	Sundries.	Total.	Lots of Bedding.	Destroyed.								Total.						
																											Beds.	Blankets.	Bolsters.	Mattresses.	Quilts.	Sheets.	Pillows.	Carpets.		Sundries.					
January ...	32	82	34	28	1	—	—	68	2	—	—	27	2	56	51	2	—	54	2	—	—	6	—	—	28	475	33	2	3	—	1	—	—	2	—	—	8				
February ...	30	65	38	26	3	—	—	72	2	2	—	28	4	51	45	2	3	60	—	2	—	3	—	—	53	489	30	—	—	—	4	—	—	—	—	—	13				
March ...	17	40	20	16	6	—	—	40	1	1	—	17	3	37	34	—	1	30	—	—	1	2	—	—	9	275	17	1	—	—	2	—	3	—	—	—	9				
April ...	21	43	15	18	—	—	—	30	2	—	—	13	2	38	26	—	4	24	—	—	—	1	—	—	12	249	19	—	—	—	—	—	—	—	—	—	—				
May ...	18	28	24	13	—	—	—	35	—	—	—	6	—	26	24	—	2	25	—	—	—	—	—	—	12	213	13	2	—	2	2	—	—	1	—	—	—	7			
June ...	10	20	15	10	2	—	—	32	—	—	—	10	1	19	19	—	—	20	2	—	—	—	—	21	181	10	—	—	—	—	—	—	—	—	—	2	—	—	2		
July ...	29	61	27	14	3	1	—	52	1	—	—	19	3	58	24	6	2	44	2	—	2	3	—	—	64	415	24	—	—	—	—	—	—	—	—	—	—	—			
August ...	13	18	—	10	—	—	3	—	—	1	—	—	—	26	7	3	1	16	1	1	—	—	3	—	3	106	17	3	—	—	1	—	—	—	7	—	—	—	11		
September	20	11	—	11	—	—	—	1	—	—	—	—	—	25	7	—	1	20	—	—	—	—	1	—	5	102	16	3	4	1	—	—	1	2	6	—	—	—	9	26	
October ...	9	11	—	10	—	—	1	—	—	2	—	2	4	16	7	—	2	31	12	—	20	1	—	—	113	241	15	4	—	—	2	—	—	—	5	—	—	—	—	11	
November...	15	24	—	10	2	—	2	—	—	—	—	—	2	33	14	2	1	18	—	—	—	1	—	—	22	146	15	1	1	1	—	—	1	3	1	—	—	—	—	5	13
December ...	25	42	—	16	2	—	—	1	—	—	—	1	1	34	34	3	5	14	3	1	3	1	—	—	14	200	18	3	—	—	2	—	—	3	—	—	—	—	—	2	10
Total 1915	239	445	173	182	19	1	6	331	8	6	—	123	22	419	292	18	22	356	22	4	26	18	—	—	4	356	3092	227	19	8	7	11	2	5	28	—	—	—	30	110	
Total 1914	310	568	228	0	5	3	15	9	—	11	—	88	13	574	401	11	25	420	11	10	16	20	—	—	4	694	3490	368	22	—	7	21	4	10	24	3	165	256			

STATEMENT VII.—SHOWING NUMBER OF ROOMS FUMIGATED AND THE  
NUMBER STRIPPED AND WASHED EACH MONTH.

Month.	Scarlet Fever	Typhoid Fever.	Diphtheria.	Membranous Croup.	Tuberculosis.	Puerperal Fever.	Erysipelas.	Filth.	Schoolrooms.	Cerebro-Spinal Meningitis.	Measles.	Acute Poliomyelitis.	Other Causes.	Chicken Pox.	Total.
January ...	29 *24	—	2	—	12	—	—	—	97	—	—	—	—	—	140 *24
February	29 *13	2	2	—	7	—	1	—	—	—	—	—	—	1	42 *13
March ...	14 *13	2	—	—	7	1	—	—	—	—	—	—	1	—	25 *13
April ...	18 *9	—	—	—	9	—	—	—	—	—	—	—	3	—	30 *9
May ...	11 *8	1	2	—	12	—	—	—	—	1	—	—	1	—	28 *8
June ...	9 *4	—	—	—	5	—	—	10	90	—	—	—	—	—	114 *4
July... ...	11 *8	—	14	—	8	—	—	9	—	—	2	—	1	—	45 *8
August ...	10 *7	—	3	—	6	—	—	—	—	—	—	—	—	—	19 *7
September	11 *8	1	2	—	3	—	—	2	—	—	—	—	—	—	19 *8
October ...	7 *8	—	—	—	2	—	2	—	5	—	—	1	1	—	18 *8
November	12 *10	1	—	—	6	—	—	—	—	—	—	—	1	—	20 *10
December	15 *12	—	5	—	3	1	1	—	—	—	—	—	2	4	31 *12
Total ...	176*124	7	30	—	80	2	4	21	192	1	2	1	10	5	531*124

\* Stripped and Washed.



STATEMENT VIII SHOWING THE NUMBER OF TIMES THE MOTOR AMBULANCE HAS BEEN CALLED FOR EACH MONTH.

Month.	Persons removed.												Totals.				Residents of	Number	
													Drunk.	Accident.	Illness.	Totals.			
	To Manchester Royal Infirmary	To Salford Hospital.	A.S.	A. I.	A. I.	St. Mary's Hospital.	St. John's Hospital.	Home	Royal Eye Hospital.	Nelson House.	Patricroft Workhouse.	Police Station.							Not required on Arrival.
January ...	A. 9	I. —	A.S. —	A. I. 1	A. I. 2	A. I. —	A. I. —	A. I. —	A. I. —	A.S. —	A. I. 1D	A. I. 2	1	20	1	22	Ardwick ...	1	
February ...	1	3	—	3	—	—	—	1	—	—	—	—	—	6	5	11	Altrincham ...	1	
March ...	3	2	—	4	—	—	—	—	—	—	—	—	—	9	2	11	Ancoats ...	4	
April ...	3	3	—	5	—	—	—	—	—	—	—	—	—	8	5	13	Ashton-on-Mersey ...	2	
May ...	10	2	—	7	—	—	—	—	—	—	—	—	—	17	5	22	Buxton ...	1	
June ...	14	—	—	4	1	—	—	—	—	—	—	—	—	22	1	23	Chorlton-on-Medlock	2	
July ...	7	5	—	4	1	—	—	—	—	—	—	—	—	11	6	17	Chorlton-cum-Hardy	3	
August ...	7	2	—	5	—	—	—	—	—	—	—	—	—	15	4	19	Crumpsall ...	1	
September	7	1	—	1	—	—	—	—	—	—	—	—	4	9	6	15	Eccles ...	4	
October ...	5	2	—	6	—	—	—	—	—	—	—	—	—	11	3	14	Fallowfield ...	1	
November...	7	1	—	6	—	—	—	—	—	—	—	—	—	13	1	14	Glasgow ...	1	
December	3	4	—	7	1	—	—	—	—	—	—	—	1	10	9	19	Heywood ...	1	
Totals ...	76	25	—	58	6	—	—	1	6	—	—	1D	10	5	1	48	200	Hr. Broughton	1
																		Ladybarn ...	1
																		Liverpool ...	1
																		Manchester ...	35
																		Moss Side...	2
																		Newtown ...	1
																		North Shields	1
																		Oldham ...	1
																		Patricroft ...	2
																		Pendleton ...	3
																		Pendlebury	1
																		Peel Green	1
																		Rusholme ...	2
																		Salford ...	34
																		Sale ...	7
																		Seacombe ...	1
																		S.S. Egremont...	1
																		S.S. Wales	1
																		Walkden ...	1
																		Warrington	2
																		Weaste ...	7
																		No Address	6
																		Stretford ...	65
																		Total ...	200

A. indicates Accidents. I. indicates Invalids. A.S. indicates Attempted Suicides. D. indicates Drunk.

## STATEMENT IX.

## HORSE AMBULANCE SERVICE.

Month.	Manchester Infirmary.	Salford Hospital.	St. Mary's Hospital.	Ancoats Hospital.	Christie's Hospital.	Home.	Not required on Arrival.	Total.
	A. I.	A. I.	A. I.	A. I.	A. I.	A. I.	A. I.	A. I.
January ...	2	—	—	—	—	—	—	2
February ...	1 1	—	—	—	—	—	—	1 1
March ...	2	1	—	—	—	2	—	1 4
April ...	1	—	—	—	—	2	—	3
May ...	—	—	1	1	—	—	—	1 1
June ...	—	—	—	—	—	2	1	3
July ...	—	—	—	—	—	2	—	2
August ...	1	—	—	—	1	1	—	3
September	—	—	—	—	—	1	1	2
October ...	3	—	—	—	—	—	—	3
November...	—	—	—	—	—	1	—	1
December ...	—	—	—	—	—	—	—	—
	1 10 11	1	1	1	1	11	2	3 25 28

## FOOD AND DRUGS ACT.

STATEMENT X.—SAMPLES SUBMITTED TO COUNTY ANALYST  
DURING 1915.

No.	Description of Sample Analysed.	Genuine.	Poor, Doubtful, or Passable.	Adulterated.	Below Standard.	Fines and Costs.	Polluted	Not properly labelled.
						£ s. d.		
1	Bread ... ..	1	—	—	—	—	—	—
1	Margarine ... ..	1	—	—	—	—	—	—
1	Cream Cheese ... ..	—	1	—	—	—	—	—
3	Coffee ... ..	3	—	—	—	—	—	—
1	Golden Syrup ... ..	1	—	—	—	—	—	—
41	Milk ... ..	35	—	2	4	1 12 2	—	—
1	White Pepper ... ..	1	—	—	—	—	—	—
2	Cream ... ..	2	—	—	—	—	—	—
1	Oatmeal ... ..	1	—	—	—	—	—	—
1	Pickled Walnuts...	1	—	—	—	—	—	—
3	Castor Oil ... ..	3	—	—	—	—	—	—
1	Sauce (Indian) ... ..	—	1	—	—	—	—	—
1	Tomato Sauce ... ..	—	1	—	—	—	—	—
1	Butter ... ..	1	—	—	—	—	—	—
1	Damson Jam ... ..	1	—	—	—	—	—	—
1	Baking Powder ... ..	1	—	—	—	—	—	—
1	Lime Fruit Cordial	—	1	—	—	—	—	—
1	Salmon and Shrimp Paste ... ..	1	—	—	—	—	—	—
3	Glycerine ... ..	3	—	—	—	—	—	—
3	Self-Raising Flour	3	—	—	—	—	—	—
1	Jam (Raspberry)...	1	—	—	—	—	—	—
4	Jam ... ..	4	—	—	—	—	—	—
1	Jam (Strawberry)..	1	—	—	—	—	—	—
1	Ground Ginger ... ..	1	—	—	—	—	—	—
1	Lemon Cheese ... ..	—	1	—	—	—	—	—
1	Camphorated Oil...	1	—	—	—	—	—	—
1	Tea ... ..	1	—	—	—	—	—	—
1	Honey ... ..	1	—	—	—	—	—	—
80		69	5	2	4	1 12 2	—	—

STATEMENT XI.—SAMPLES PURCHASED IN THE  
DISTRICT OF STRETFORD BY THE COUNTY POLICE.

Number Taken.	Description of Sample.	Genuine	Adul- terated	Prosecutions (Results).
3	Granulated Sugar....	3	—	3 cases Fined 20/- and costs. 1 case Fined 42/- and costs. 1 case dismissed. 1 case withdrawn. 2 cases ordered to pay costs.
72	Milk... ..	64	8	
6	Pepper ... ..	6	—	
7	Margarine ... ..	7	—	
9	Butter ... ..	9	—	
7	Coffee ... ..	7	—	
2	Cream ... ..	2	—	
2	Irish Whiskey ...	2	—	
1	Rum ... ..	1	—	
1	Hollands Gin... ..	1	—	
2	Scotch Whiskey ...	2	—	Fined 4/6 and costs
1	Potassium Bi-Tartrate ...	1	—	
1	Bicarbonate Soda...	1	—	
1	Ammonium Carbonate... ..	1	—	
1	Purified Borax ...	1	—	
1	Potassium Bromide	1	—	
1	Tartaric Acid... ..	1	—	
1	Sodium Potassium Tartrate ... ..	1	—	
1	Shrimps ... ..	1	—	
3	Potted Beef ... ..	2	1	
1	Ground Ginger ...	1	—	—
3	Lard ... ..	3	—	
2	Beer... ..	2	—	
1	Potted Lobster ...	1	—	
2	Baking Powders ...	2	—	
1	Liquorice Powder...	1	—	
133		124	9	



## TESTING OF DRAINS AND SANITARY FITTINGS.

STATEMENT XII.—SHOWING THE NUMBER OF DRAINS AND  
SANITARY FITTINGS TESTED MONTHLY IN OLD  
AND NEW PROPERTY.

Month.	Old Property.				New Property.			
	Drains.		Fittings.		Drains.		Fittings.	
	Tested	Defects	Tested	Defects	Tested	Defects	Tested	Defects
January ...	45	10	3	2	27	7	13	5
February ...	25	15	16	7	6	2	1	—
March ...	53	35	11	7	42	22	7	5
April ...	81	36	24	14	26	15	14	4
May ...	80	55	14	8	29	24	24	12
June ...	16	9	4	1	33	26	25	5
July ...	29	17	19	5	23	16	34	13
August ...	82	31	22	10	29	17	2	1
September ...	37	22	18	6	55	29	17	9
October ...	8	6	5	2	23	18	8	3
November ...	5	4	11	2	18	14	7	3
December ...	16	8	6	4	39	13	5	2
Total 1915 ...	477	248	153	68	350	203	157	62
Total 1914 ...	610	293	158	72	398	176	139	41

## TYPES OF SANITARY CONVENIENCES.

STATEMENT XIII OF THE NUMBER OF DIFFERENT TYPES  
OF CONVENIENCES IN THE DISTRICT.

Ward.	Water Closets.			Privies.	Pails.	Total Con- veniences
	Pedestals Hoppers or other Types.	Troughs (Seats)	Waste Water.			
Stretford ...	1927	8	21	—	26	1982
Longford ...	1066	—	16	1 S.	10	1093
Talbot ... ..	2538	—	4	—	13	2555
Trafford ...	3310	9	17	—	11	3347
Cornbrook ...	992	32	4	—	33	1061
Clifford ...	1437	—	290	—	—	1727
Park ... ..	{ 1488 317	35	—	—	{ 70 28	{ 1593 345 }
Total ... ..	13075	84	352	1 S.	191	13703
	13511					

## CLEANSING DEPARTMENT.

STATEMENT XIV.—SHOWING THE NUMBER OF REFUSE  
RECEPTACLES IN EACH WARD, DECEMBER 31st, 1915.

Ward.	Wet Pits.		Dry Pits.		Dust Bins.	Pails.	Totals.
	Double	Single	Double	Single			
Stretford	—	—	173	60	1160	—	1393
Longford	—	1	86	87	558	—	732
Talbot....	—	—	95	63	1446	—	1604
Trafford	—	—	279	118	2149	—	2546
Cornbrook	—	—	80	137	472	—	689
Clifford	—	—	324	174	761	—	1259
Park ...	—	—	7	19	985	—	1011
Total 1915	—	1	1044	658	7531	—	9234

## APPLICATIONS.

STATEMENT XV.—SHOWING NUMBER OF APPLICATIONS TO  
EMPTY REFUSE RECEPTACLES FROM EACH WARD.

MONTH.	Stretford	Longford	Talbot	Trafford	Cornbrook	Clifford	Park	Total per Month
January ...	2	—	—	1	—	1	—	4
February ...	2	—	—	3	—	5	—	10
March ...	2	—	1	1	—	—	—	4
April ...	1	—	3	3	1	3	—	11
May ...	—	—	1	1	—	1	1	4
June ...	1	—	3	1	5	3	—	13
July ...	6	1	5	5	3	—	—	20
August ...	—	—	2	2	1	2	—	7
September ...	1	—	—	2	3	—	—	6
October ...	3	—	1	1	—	—	—	5
November ...	—	—	1	4	—	2	—	7
December ...	2	4	5	9	2	6	—	28
Total 1915 ...	20	5	22	33	15	23	1	119
Total 1914 ...	9	4	23	49	8	11	6	110



## LOADS OF REFUSE REMOVED.

STATEMENT XVI.—SHOWING NUMBER OF LOADS OF NIGHT-SOIL, ASHES, CLINKERS, ETC., REMOVED MONTHLY.

Month.	Number of Loads removed from				Clinkers, Flue Dust, etc.	Total Loads Re- moved.
	Pail Closets.		Dry Pits.	Dust Bins.		
	Night- soil.					
January ...	10	—	306	673	126	1115
February ...	8	—	249	558	117	932
March ... ..	8	—	266	527	153	954
April ... ..	10	—	310	678	126	1124
May ... ..	8	—	275	543	111	937
June ... ..	8	—	268	544	79	899
July ... ..	10	—	359	683	109	1161
August ...	8	—	233	573	59	873
September ...	10	—	310	701	91	1112
October ...	8	—	269	544	102	923
November ...	8	—	201	555	69	833
December ...	10	—	261	585	127	983
Total 1915 ...	106	—	3307	7164	1269	11846

STATEMENT XVII SHOWING NUMBER OF REFUSE RECEPTACLES  
EMPTIED EACH MONTH.

Month.	Pail Closets.	Dry Pits.	Sanitary Dust Bins.	Total Emptied.
January ... ..	—	3360	37239	40545
February ... ..	—	2570	29941	32511
March ... ..	—	2456	30576	33032
April ... ..	—	2739	37824	40563
May ... ..	—	2054	29678	31732
June ... ..	—	1993	30130	32123
July ... ..	—	3096	37553	40649
August ... ..	—	2482	30623	33105
September ... ..	—	2821	38303	41124
October ... ..	—	2208	30686	32894
November ... ..	—	1658	30348	32006
December ... ..	—	1532	34091	35623
Total 1915 ... ..	—	28915	396992	425907
Total 1914 ... ..	2	33470	387687	421159

STATEMENT XVIII.—SHOWING WHERE LOADS OF NIGHTSOIL, CLINKERS, REFUSE, BRICKBATS, FLUE DUST, Etc., HAVE BEEN TIPPED EACH MONTH.

CLINKERS, FLUE DUST, BRICKBATS, SOIL, ETC.										NIGHTSOIL, ASHES, ETC.										
Month.	Firs Farm.	Tips			Total.	Lowe's Tip			Farnworth, Trafford Park.	Rye Bank Road.	Mr. Goulds, Firs Farm.	Royal Engineers.	Sundries.	Talbot Road.	Kings Road.	Cook Street.	F. Thorpe, Mellor Street.	Warwick Road North.	Total.	Grand Total.
		Lowe's.	Destruc- tor.	Tips		C.	F.D.	B.B.												
January ...	10	549	430	430	989	—	23	—	17	—	—	2	—	—	—	78	6	—	126	1115
February ...	8	430	377	377	815	7	27	—	21	—	18	11	4	—	19	10	—	—	117	932
March ...	8	418	375	375	801	—	11	19	47	—	1	2	43	—	—	—	30	—	153	954
April ...	10	542	446	446	998	—	18	—	45	49	—	4	—	—	8	—	2	—	126	1124
May ...	8	443	375	375	826	—	27	—	4	48	—	—	—	—	32	—	—	—	111	937
June ...	8	456	356	356	820	—	1	—	—	39	—	7	—	—	32	—	—	—	79	899
July ...	10	573	469	469	1052	—	22	4	—	36	—	—	3	35	9	—	—	—	109	1161
August ...	8	484	322	322	814	—	5	1	—	19	17	—	—	—	—	—	—	17	59	873
September	10	551	460	460	1021	—	22	9	—	37	2	—	—	—	—	—	—	21	91	1112
October ...	8	445	368	368	821	—	15	7	—	5	—	—	2	73	—	—	—	—	102	923
November...	8	448	308	308	764	—	7	—	—	14	18	2	—	28	—	—	—	—	69	833
December ...	10	437	409	409	856	—	3	19	7	6	82	10	—	—	—	—	—	—	127	983
Total 1915	106	5776	4695	4695	10577	7	181	59	141	253	138	38	52	136	100	88	38	38	1269	11846

## DESTRUCTOR WORKS.

STATEMENT XIX.—SHOWING THE NUMBER OF LOADS  
DEALT WITH MONTHLY AT THE DESTRUCTOR WORKS.

Month.			Loads Tipped	Assumed Weight.						Hours Worked
				Tipped & Destroyed			Destroyed per cell per 12 hours.			
January	...	...	430	T.	C.	Q.	T.	C.	Q.	446
February	...	...	377	507	13	3	6	16	2	384
March	...	...	375	448	8	0	6	18	3	382
April	...	...	446	442	10	0	6	18	1	463
May	...	...	375	527	4	0	6	16	2	384
June	...	...	356	442	10	0	6	18	0	367
July	...	...	469	420	2	3	6	17	1	480
August	...	...	322	544	14	3	6	16	1	331
September	...	...	460	379	4	1	6	16	3	480
October	...	...	368	544	16	1	6	16	1	384
November	...	...	308	437	17	0	6	16	1	330
December	...	...	409	368	10	0	6	14	1	470
Total 1915			...	...	4695	5559	18	0	*6 16 2	4901
Total 1914			...	...	4664	5477	17	0	*6 17 0	4795

\* Average for twelve months.



## HACKNEY CARRIAGE DEPARTMENT.

STATEMENT XX SHOWING NUMBER OF LICENSES ISSUED FROM  
JANUARY 1ST TO DECEMBER 31ST, 1915.

Class of License.	1915 No. Issued.	Rate. s. d.	Amount Received. £ s. d.	1914 No. Issued.	Rate. s. d.	Amount Received. £ s. d.	Increase. s. d.	Decrease. s. d.
Cricket Ground ... ..	—	—	—	15	5 0	3 15 0	—	3 15 0
Special Hackney Drivers ... ..	1	7 0	0 7 0	15	1 0	0 15 0	—	0 8 0
Hackney Coach ... ..	10	5 0	2 10 0	11	5 0	2 15 0	—	0 5 0
Omnibus ... ..	24	0 6	0 12 0	15	0 6	0 7 6	0 4 6	—
Tram Car ... ..	212	1 0	10 12 0	249	1 0	12 9 0	—	1 17 0
Hackney Drivers' Licenses... ..	12	1 0	0 12 0	15	1 0	0 15 0	—	0 3 0
Omnibus Drivers ... ..	6	3 0	0 18 0	5	3 0	0 15 0	0 3 0	—
	333	1 0	16 13 0	373	1 0	18 13 0	0 6 0	2 0 0
	4	3 0	0 12 0	2	3 0	0 6 0	—	—
Omnibus Conductors ... ..	333	1 0	16 13 0	374	1 0	18 14 0	0 10 0	2 1 0
Petroleum ... ..	29	2 6	3 12 6	25	2 6	3 2 6	—	—
Carbide of Calcium ... ..	8	2 6	1 0 0	8	2 6	1 0 0	—	—
Street Trading ... ..	83	0 6	2 1 6	98	0 6	2 9 0	—	0 7 6
Slaughterhouse ... ..	6	1 0	0 6 0	5	1 0	0 5 0	0 1 0	—
Game ... ..	2	7 6	0 15 0	2	7 6	0 15 0	—	—
Other Licenses—								
Football & Cricket Specials	5	2 6	0 12 6	28	2 6	3 10 0	—	2 17 6
Special (Football) ... ..	6	1 0	0 6 0	5	1 0	0 5 0	0 1 0	—
Special Omnibus ... ..	—	—	—	2	2 0	0 4 0	—	0 4 0
Street Trading (Exchanged)	—	—	—	—	—	—	—	—
Special Day Licenses ... ..	20	0 6	0 10 0	—	—	—	0 10 0	—
Provisional Licenses... ..	—	—	—	6	—	—	—	—
Repairs ... ..	—	—	—	2	—	—	—	—
Fluid Cards issued ... ..	1042	0 1	4 6 10	921	1	3 16 9	0 10 1	—
No. of Licenses issued ... ..	1094	—	62 19 4	1255	—	74 11 9	2 5 7	13 18 0
No. Cards issued ... ..	1042	—	—	921	—	—	—	—

## STATEMENT XXI.—MAGISTERIAL PROCEEDINGS.

Prosecution taken under	Offence.	No. of Cases.	Fines and Costs.
Towns Police Clauses Act, 1847	Chimney Firing ... ..	12	2 19 6
Ditto. ... ..	Plying for Hire with- out License ... ..	—	—
Food & Drugs Act	Selling to the prejudice of the purchaser ...	2	*1 12 2
Employment of Children Act ...	Selling without License	—	—
Public Health Act, 1875 ... ..	Neglecting to abate a nuisance ... ..	5	7 12 0
		19	£12 3 8

\* These cases were withdrawn on the Vendor paying the Costs of the Council.

February 21st, 1916.

